

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137644.D
 Acq On : 19 Mar 2024 13:11
 Operator : CG\JU
 Sample : PB159643BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BSD

Quant Time: Mar 19 13:46:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	182793	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	716944	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	371097	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	641577	20.000	ng	0.00
76) Chrysene-d12	13.880	240	378563	20.000	ng	0.00
86) Perylene-d12	15.298	264	347460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1465556	121.429	ng	0.02
7) Phenol-d6	6.375	99	1932564	110.929	ng	0.00
23) Nitrobenzene-d5	7.298	82	1215012	78.743	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	471902	144.805	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1996639	84.222	ng	0.00
79) Terphenyl-d14	12.827	244	2100579	76.302	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	226792	34.366	ng	97
3) Pyridine	3.175	79	498818	31.341	ng	98
4) n-Nitrosodimethylamine	3.140	42	251941	39.785	ng	95
6) Aniline	6.392	93	419908	19.726	ng	# 69
8) 2-Chlorophenol	6.510	128	563110	44.235	ng	95
9) Benzaldehyde	6.275	77	281944	33.034	ng	98
10) Phenol	6.386	94	754438	40.234	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	581595	42.326	ng	100
12) 1,3-Dichlorobenzene	6.669	146	597904	43.954	ng	97
13) 1,4-Dichlorobenzene	6.745	146	614636	44.162	ng	98
14) 1,2-Dichlorobenzene	6.892	146	577346	45.195	ng	99
15) Benzyl Alcohol	6.875	79	512317	47.236	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	886475	37.531	ng	94
17) 2-Methylphenol	6.992	107	467735	39.267	ng	98
18) Hexachloroethane	7.234	117	208711	45.543	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	416932	38.755	ng	100
20) 3+4-Methylphenols	7.145	107	540663	39.631	ng	94
22) Acetophenone	7.139	105	755547	43.556	ng	# 96
24) Nitrobenzene	7.316	77	645066	41.616	ng	97
25) Isophorone	7.551	82	1194981	40.764	ng	98
26) 2-Nitrophenol	7.628	139	293631	47.715	ng	97
27) 2,4-Dimethylphenol	7.669	122	419862	36.514	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	720589	41.895	ng	98
29) 2,4-Dichlorophenol	7.875	162	465057	44.068	ng	96
30) 1,2,4-Trichlorobenzene	7.951	180	496157	44.676	ng	100
31) Naphthalene	8.033	128	1608543	41.817	ng	99
32) Benzoic acid	7.822	122	274873	42.362	ng	97
33) 4-Chloroaniline	8.086	127	193780	12.847	ng	97
34) Hexachlorobutadiene	8.145	225	293620	44.783	ng	100
35) Caprolactam	8.463	113	101208	28.283	ng	93
36) 4-Chloro-3-methylphenol	8.575	107	497379	42.164	ng	99
37) 2-Methylnaphthalene	8.722	142	977884	39.877	ng	99
38) 1-Methylnaphthalene	8.822	142	933680	40.431	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	494380	47.720	ng	99
41) Hexachlorocyclopentadiene	8.875	237	355646	83.694	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	316753	46.950	ng	99

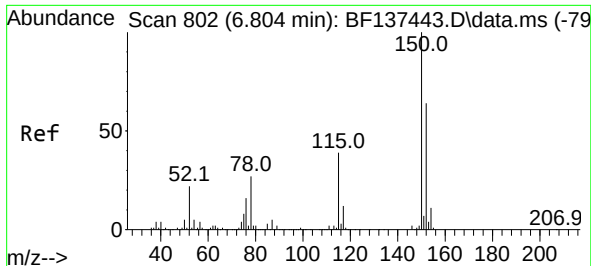
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	327371	42.124	ng	95
46) 1,1'-Biphenyl	9.186	154	1223180	45.034	ng	99
47) 2-Chloronaphthalene	9.210	162	949455	45.850	ng	98
48) 2-Nitroaniline	9.316	65	327566	46.539	ng	97
49) Acenaphthylene	9.627	152	1492555	45.038	ng	100
50) Dimethylphthalate	9.492	163	1148081	44.443	ng	99
51) 2,6-Dinitrotoluene	9.557	165	252888	46.804	ng	89
52) Acenaphthene	9.798	154	846781	42.800	ng	99
53) 3-Nitroaniline	9.727	138	156610	27.403	ng	89
54) 2,4-Dinitrophenol	9.833	184	244478	91.455	ng	97
55) Dibenzofuran	9.969	168	1280201	42.484	ng	99
56) 4-Nitrophenol	9.898	139	331219	81.377	ng	97
57) 2,4-Dinitrotoluene	9.957	165	315735	47.563	ng	95
58) Fluorene	10.310	166	977377	42.233	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	288590	46.306	ng	96
60) Diethylphthalate	10.192	149	1074724	44.056	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	484675	42.733	ng	95
62) 4-Nitroaniline	10.339	138	210308	42.815	ng	98
63) Azobenzene	10.463	77	1141497	40.637	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	180541	50.490	ng	83
66) n-Nitrosodiphenylamine	10.427	169	885955	42.883	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	308173	44.101	ng	100
68) Hexachlorobenzene	10.857	284	340362	48.224	ng	# 90
69) Atrazine	10.957	200	259932	41.387	ng	99
70) Pentachlorophenol	11.051	266	355454	83.310	ng	100
71) Phenanthrene	11.269	178	1461673	41.863	ng	99
72) Anthracene	11.321	178	1503716	41.932	ng	100
73) Carbazole	11.480	167	1317147	42.880	ng	99
74) Di-n-butylphthalate	11.810	149	1598953	43.751	ng	100
75) Fluoranthene	12.457	202	1443551	42.296	ng	97
77) Benzidine	12.586	184	178336	19.250	ng	97
78) Pyrene	12.680	202	1467033	39.494	ng	99
80) Butylbenzylphthalate	13.304	149	553522	58.349	ng	99
81) Benzo(a)anthracene	13.868	228	1123741	42.352	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	280511	39.700	ng	99
83) Chrysene	13.904	228	1147067	42.774	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	712068	59.056	ng	98
85) Di-n-octyl phthalate	14.474	149	1184987	50.643	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	997271	43.615	ng	96
88) Benzo(b)fluoranthene	14.898	252	1014878	49.377	ng	98
89) Benzo(k)fluoranthene	14.927	252	949673	43.017	ng	98
90) Benzo(a)pyrene	15.245	252	901899	44.528	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	800538	43.159	ng	97
92) Benzo(g,h,i)perylene	17.109	276	793565	41.659	ng	98

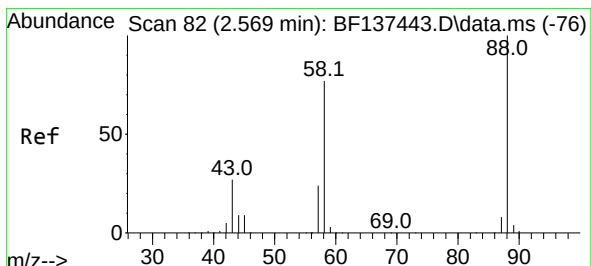
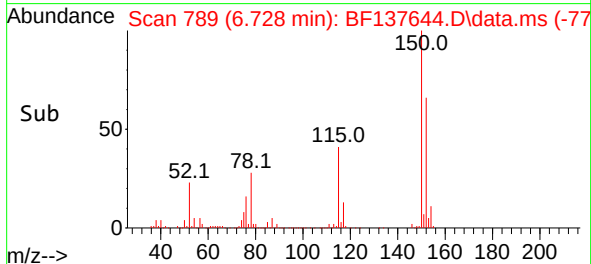
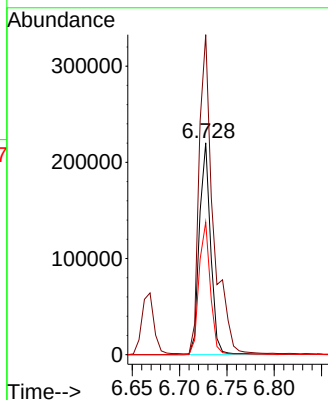
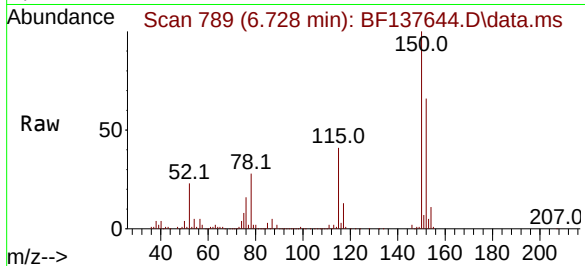
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137644.D
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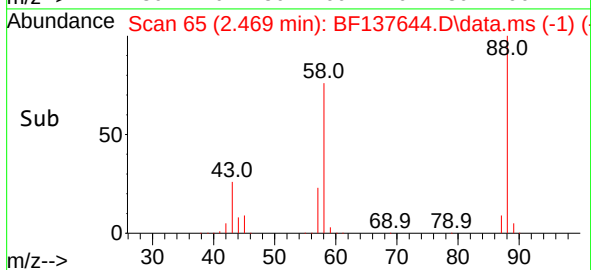
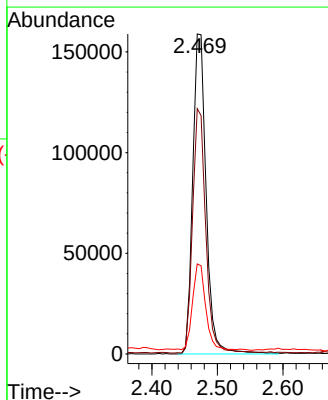
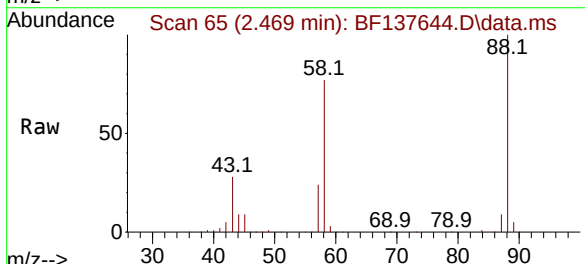
Instrument :
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PB159643BSD

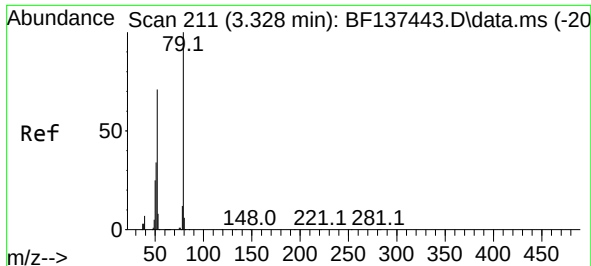
Tgt Ion:152 Resp: 182793
Ion Ratio Lower Upper
152 100
150 151.0 125.8 188.6
115 62.5 48.8 73.2



#2
1,4-Dioxane
Concen: 34.366 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.100 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 88 Resp: 226792
Ion Ratio Lower Upper
88 100
58 75.0 61.8 92.8
43 25.9 22.2 33.4

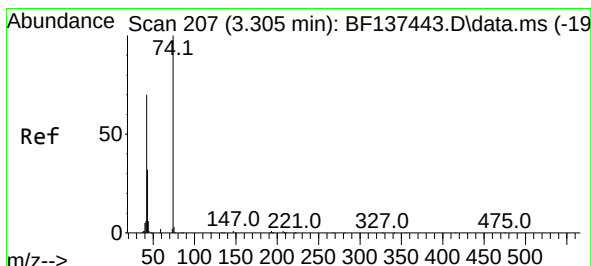
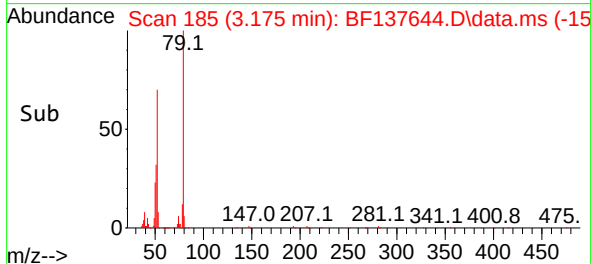
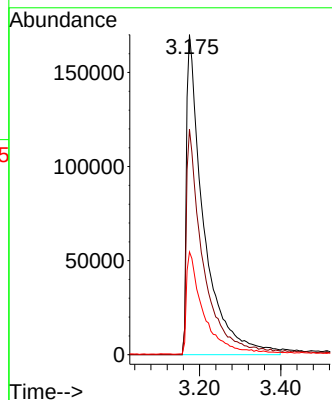
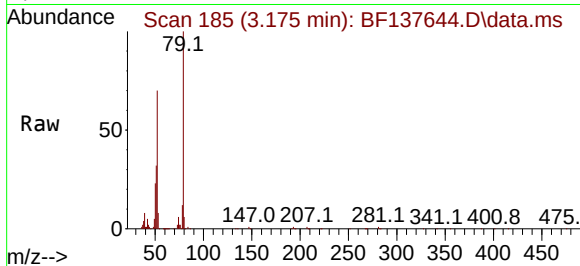




#3
Pyridine
Concen: 31.341 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

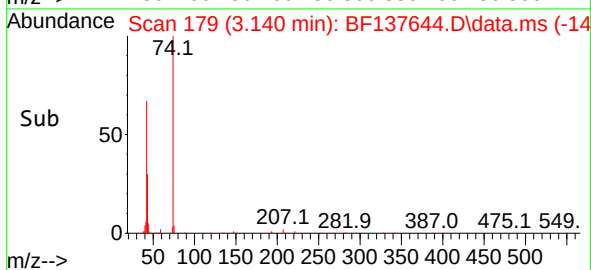
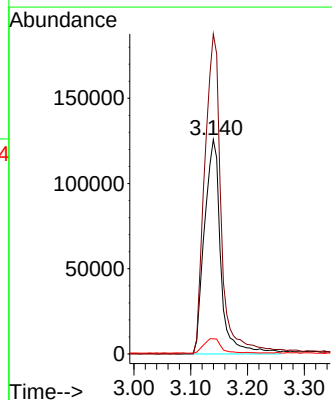
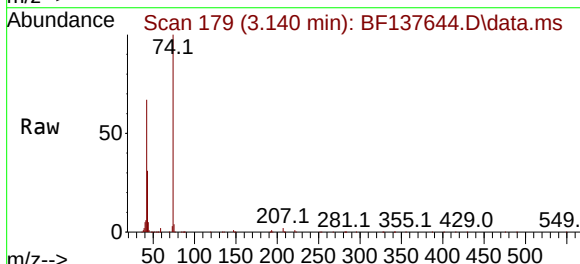
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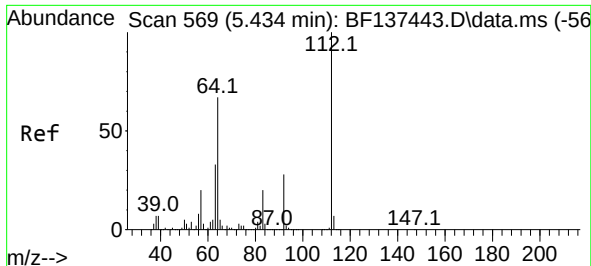
Tgt Ion: 79 Resp: 498818
Ion Ratio Lower Upper
79 100
52 70.4 57.0 85.4
51 32.1 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 39.785 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 42 Resp: 251941
Ion Ratio Lower Upper
42 100
74 149.2 114.0 171.0
44 7.1 7.0 10.4

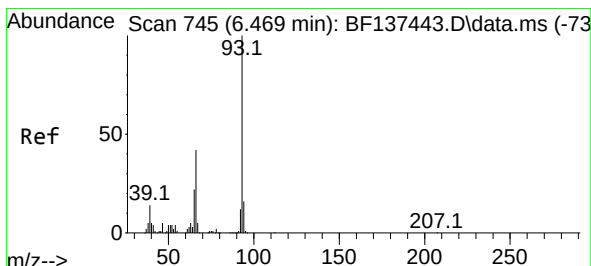
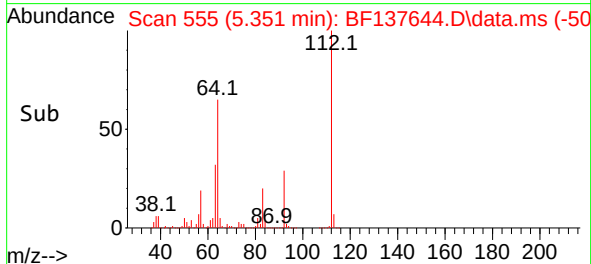
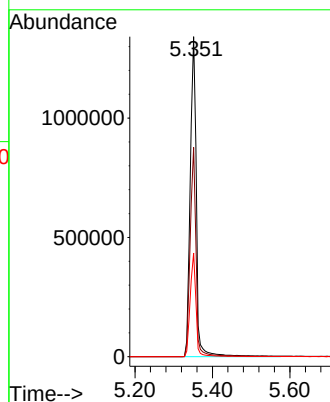
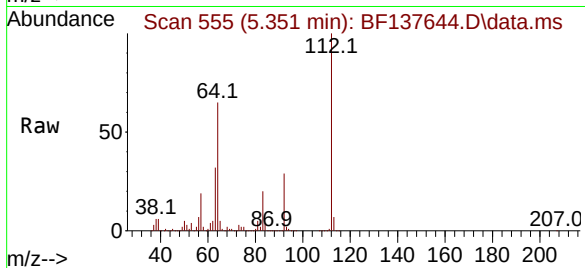




#5
2-Fluorophenol
Concen: 121.429 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

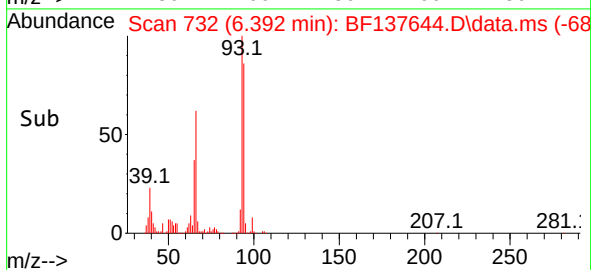
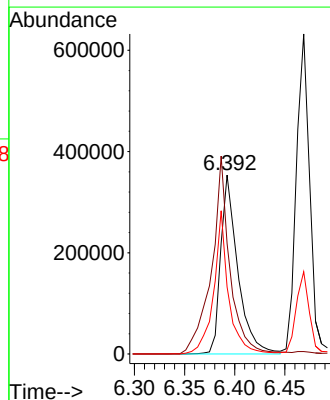
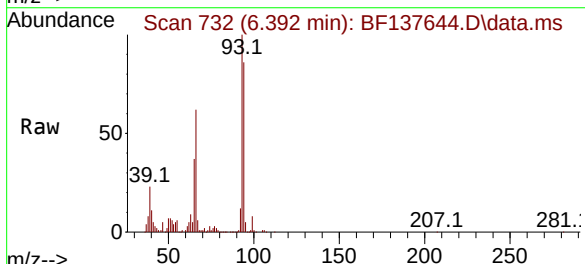
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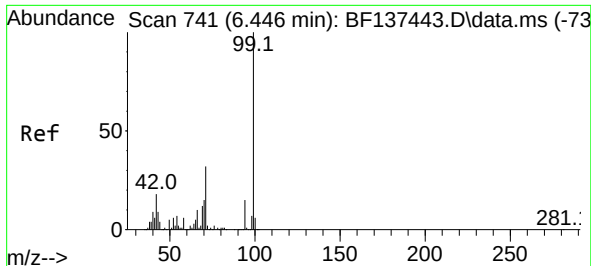
Tgt Ion:112 Resp: 1465556
Ion Ratio Lower Upper
112 100
64 65.4 53.4 80.2
63 32.4 26.2 39.2



#6
Aniline
Concen: 19.726 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 93 Resp: 419908
Ion Ratio Lower Upper
93 100
66 61.8 34.0 51.0#
65 37.5 17.8 26.8#





#7

Phenol-d6

Concen: 110.929 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

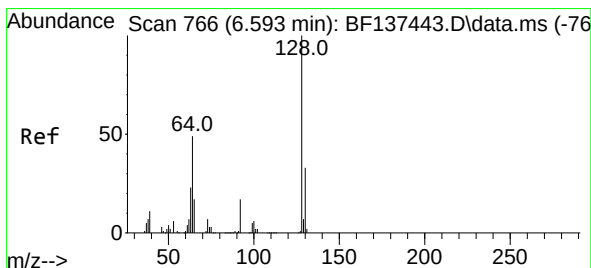
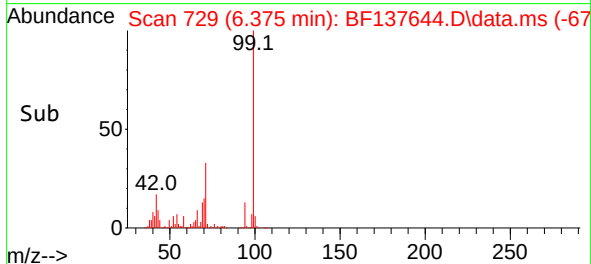
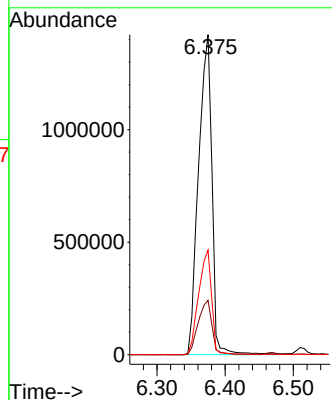
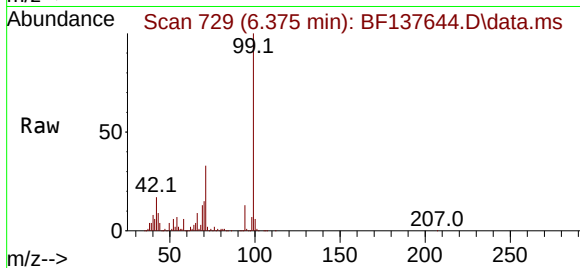
BNA_F

ClientSampleId :

PB159643BSD

Tgt Ion: 99 Resp: 1932564

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.6	21.8
71	32.7	25.3	37.9



#8

2-Chlorophenol

Concen: 44.235 ng

RT: 6.510 min Scan# 752

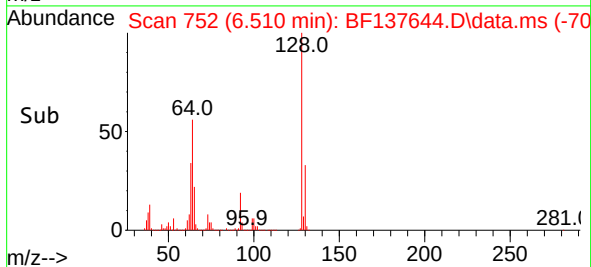
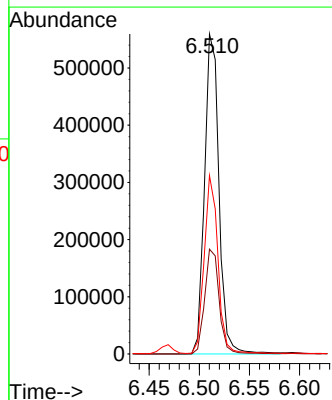
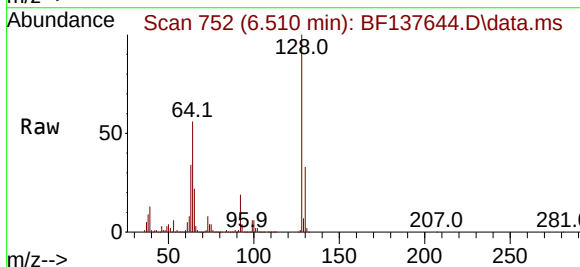
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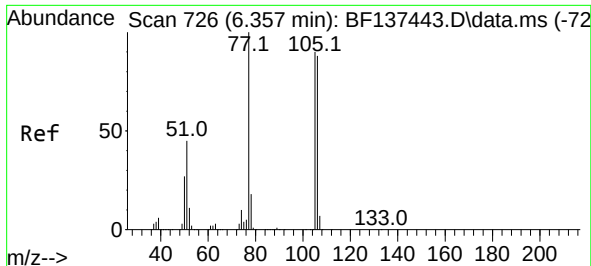
Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Tgt Ion:128 Resp: 563110

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.4	53.4
64	55.8	30.0	70.0





#9

Benzaldehyde

Concen: 33.034 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

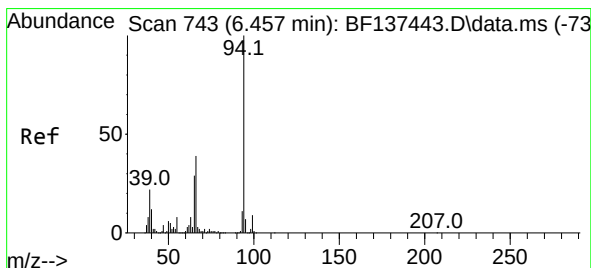
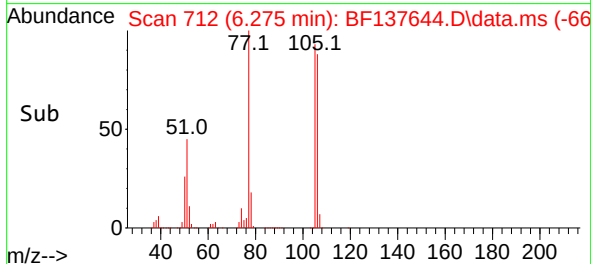
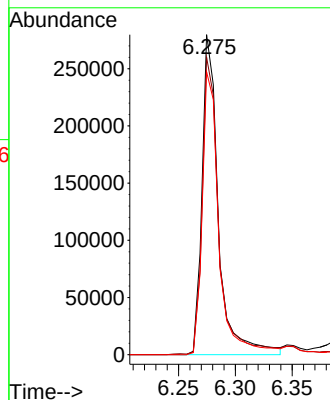
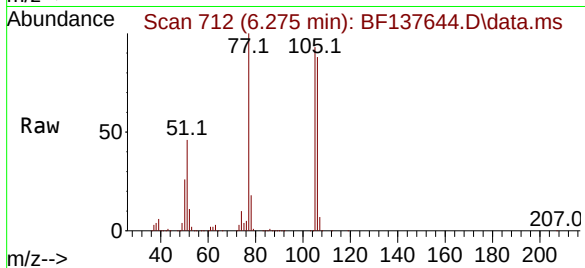
Tgt Ion: 77 Resp: 281944

Ion Ratio Lower Upper

77 100

105 92.9 69.8 109.8

106 88.3 67.8 107.8



#10

Phenol

Concen: 40.234 ng

RT: 6.386 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

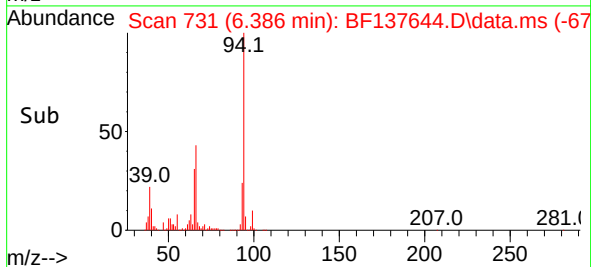
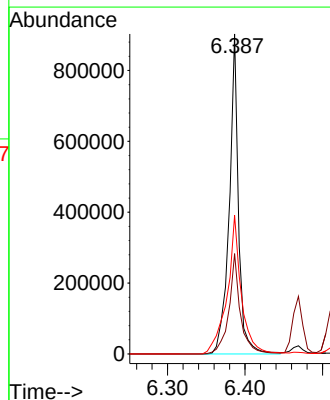
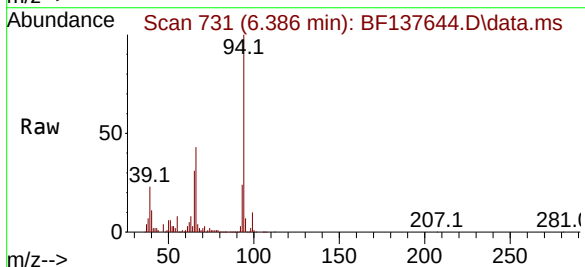
Tgt Ion: 94 Resp: 754438

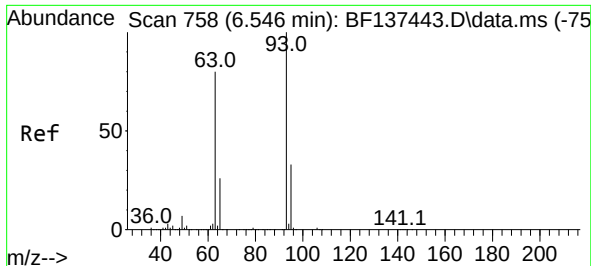
Ion Ratio Lower Upper

94 100

65 31.3 8.7 48.7

66 43.3 18.6 58.6

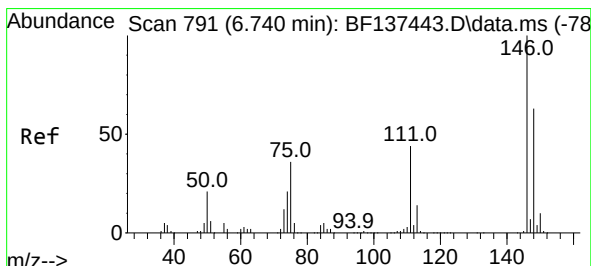
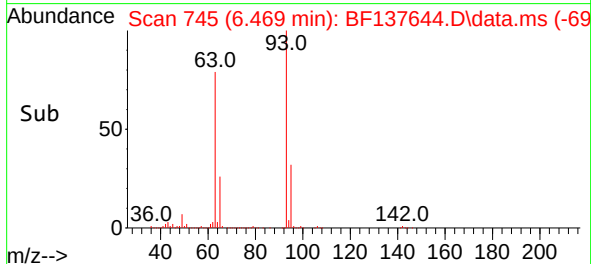
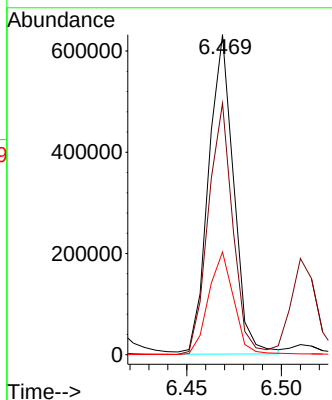
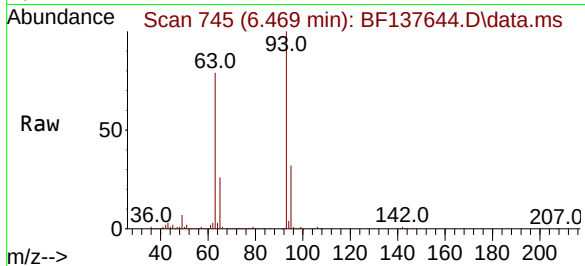




#11
bis(2-Chloroethyl)ether
Concen: 42.326 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

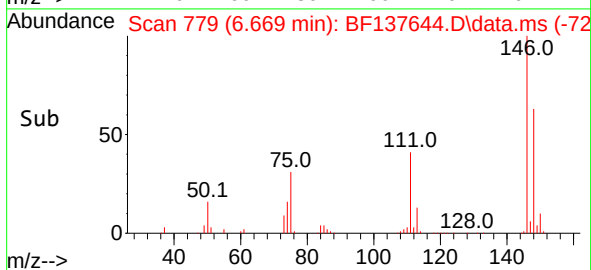
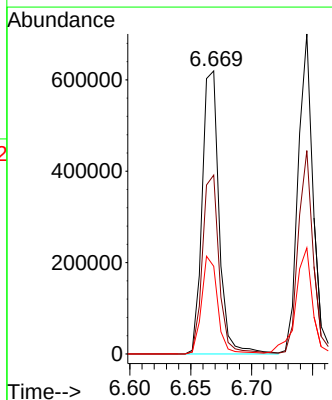
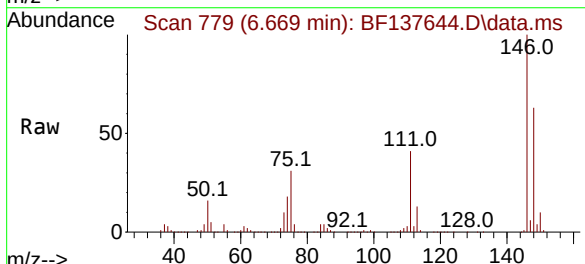
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

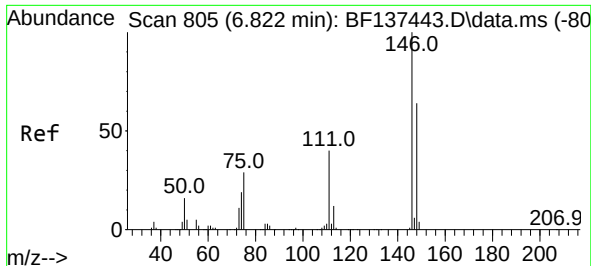
Tgt Ion: 93 Resp: 581595
Ion Ratio Lower Upper
93 100
63 78.6 58.9 98.9
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.954 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:146 Resp: 597904
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
75 31.0 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.162 ng

RT: 6.745 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

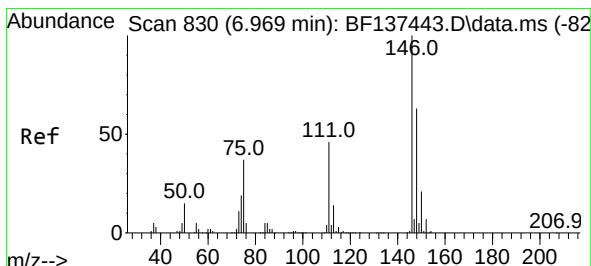
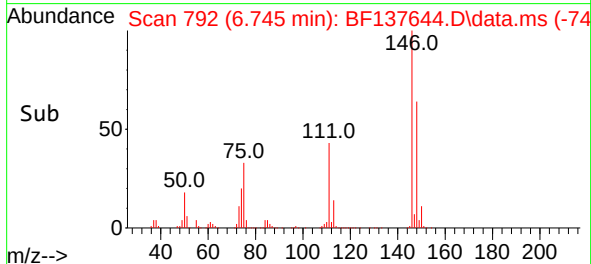
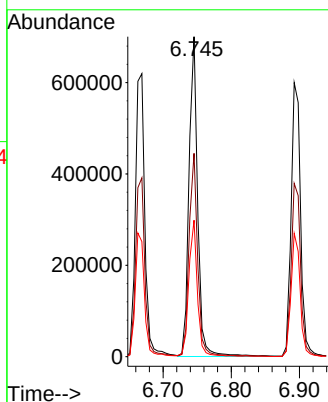
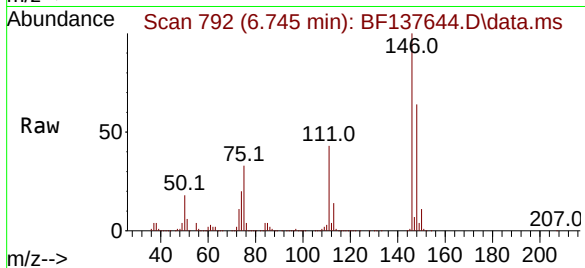
Tgt Ion:146 Resp: 614636

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

111 42.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 45.195 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

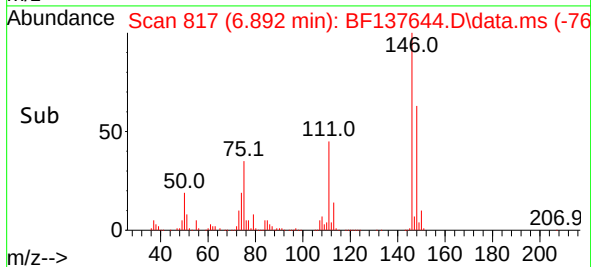
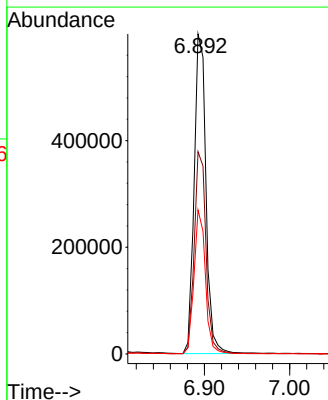
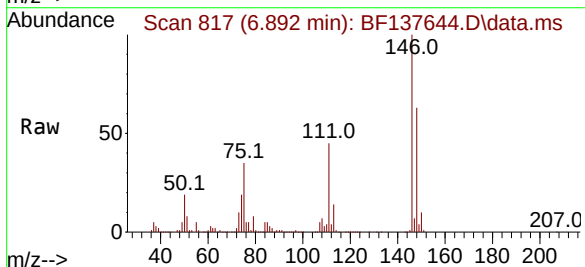
Tgt Ion:146 Resp: 577346

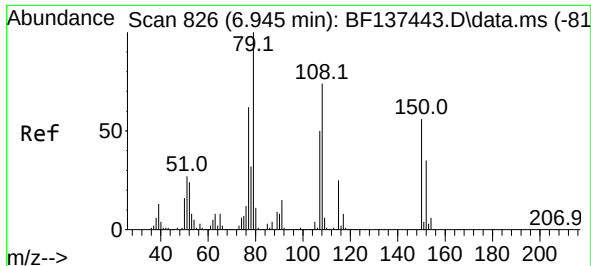
Ion Ratio Lower Upper

146 100

148 63.2 50.0 75.0

111 45.0 36.8 55.2

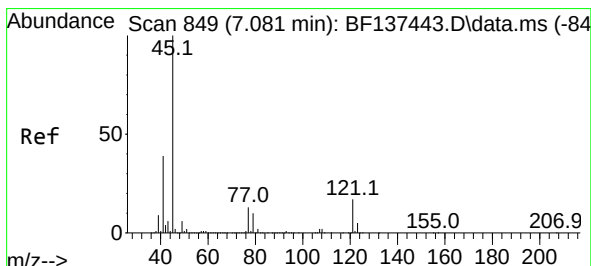
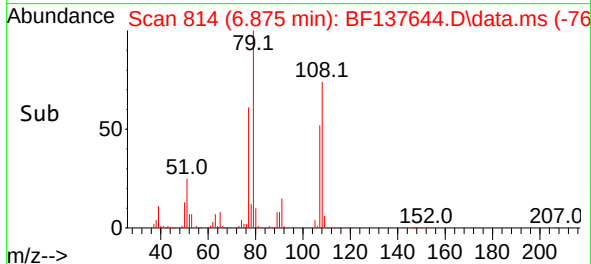
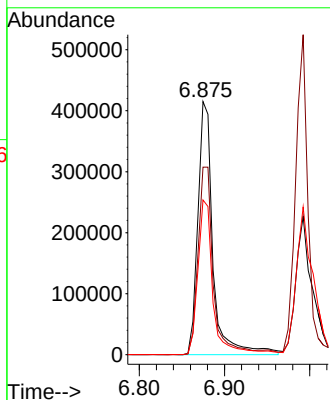
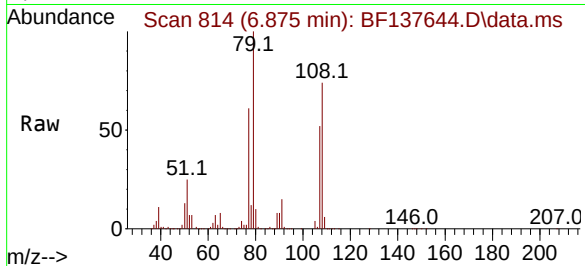




#15
Benzyl Alcohol
Concen: 47.236 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

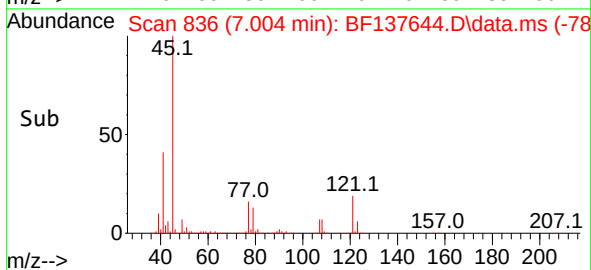
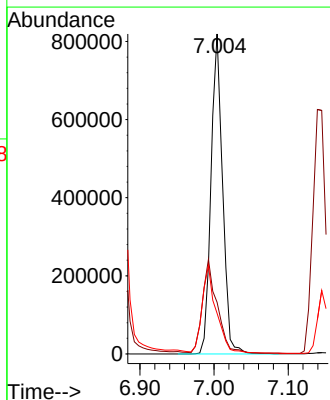
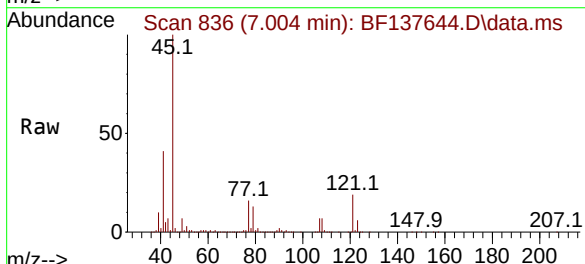
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

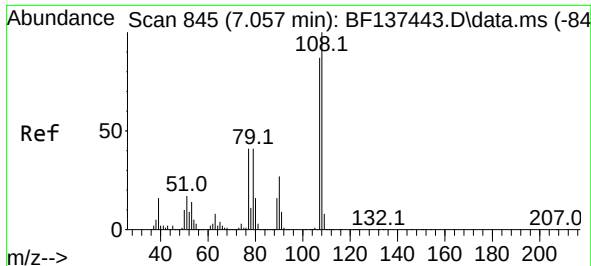
Tgt Ion: 79 Resp: 512317
Ion Ratio Lower Upper
79 100
108 74.1 59.5 89.3
77 61.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.531 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

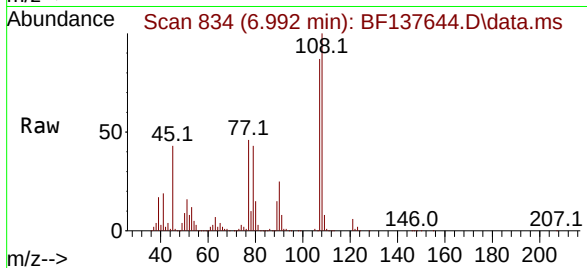
Tgt Ion: 45 Resp: 886475
Ion Ratio Lower Upper
45 100
77 16.2 0.0 33.4
79 12.7 0.0 30.9



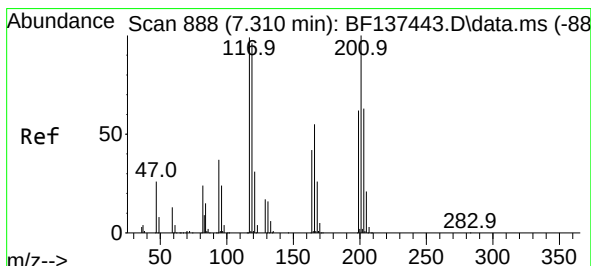
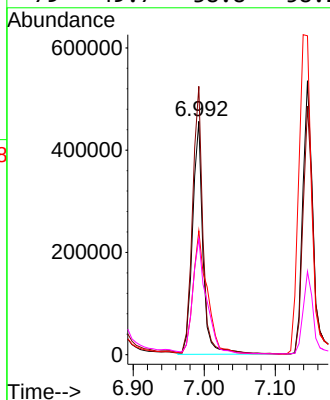
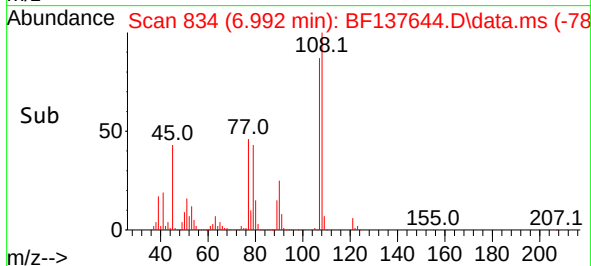


#17
2-Methylphenol
Concen: 39.267 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Instrument :
BNA_F
ClientSampleId :
PB159643BSD

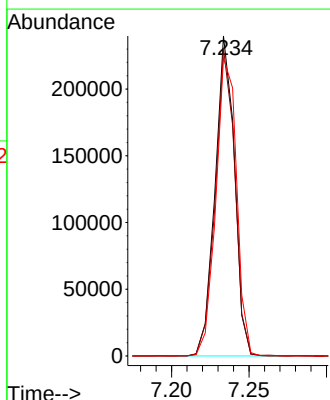
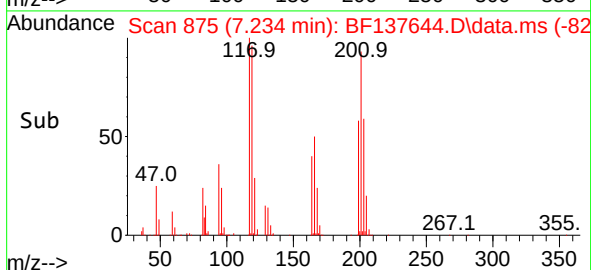
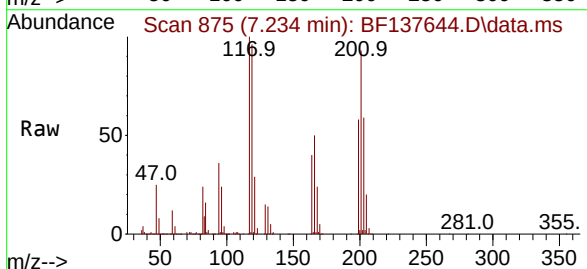


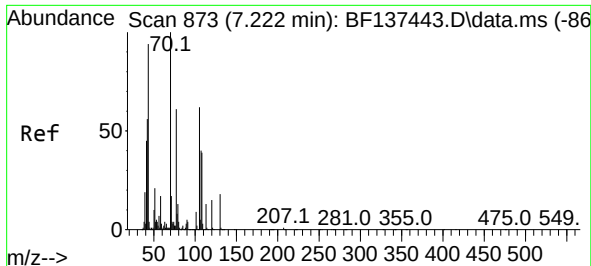
Tgt Ion:107 Resp: 467735
Ion Ratio Lower Upper
107 100
108 115.0 92.2 138.4
77 53.1 38.6 57.8
79 49.7 38.8 58.2



#18
Hexachloroethane
Concen: 45.543 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:117 Resp: 208711
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3
201 93.1 80.6 121.0

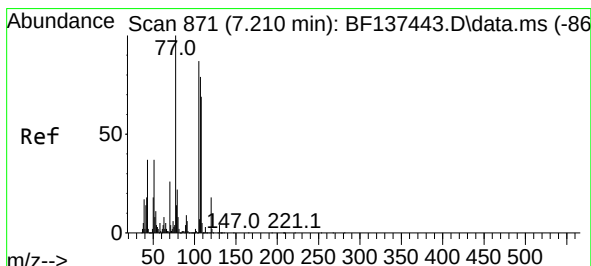
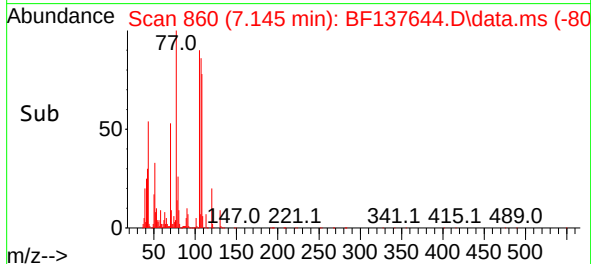
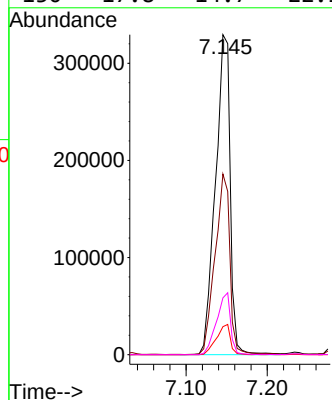
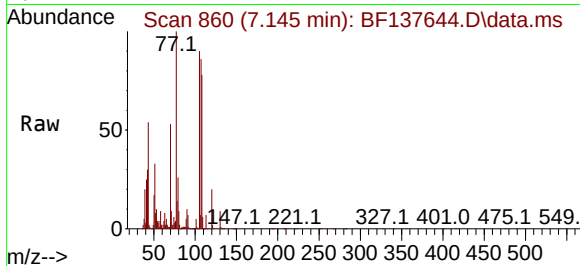




#19
n-Nitroso-di-n-propylamine
Concen: 38.755 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

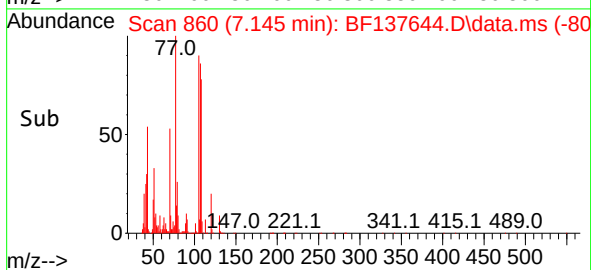
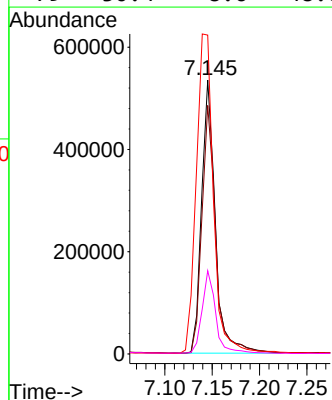
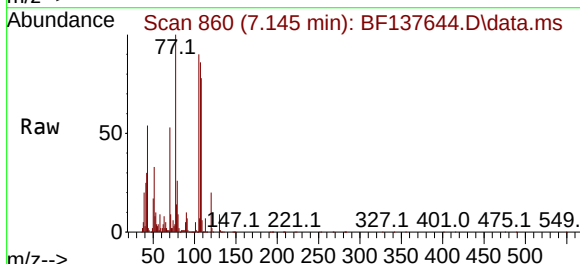
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

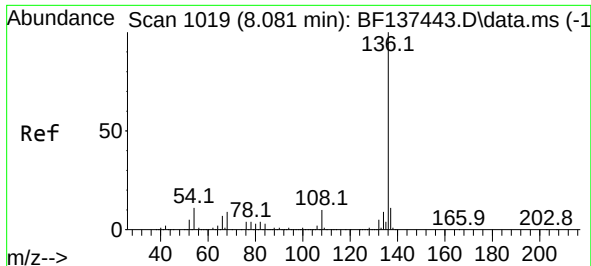
Tgt Ion: 70 Resp: 416932
Ion Ratio Lower Upper
70 100
42 56.4 45.2 67.8
101 8.8 7.3 10.9
130 17.8 14.7 22.1



#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 107 Resp: 540663
Ion Ratio Lower Upper
107 100
108 90.8 67.6 107.6
77 116.4 107.1 147.1
79 30.4 8.6 48.6

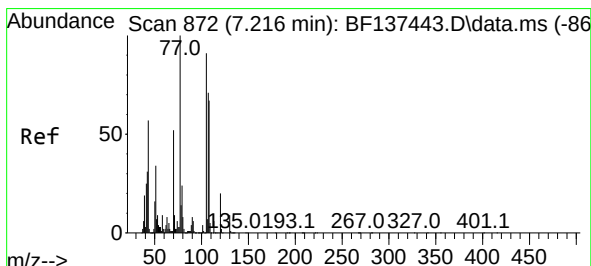
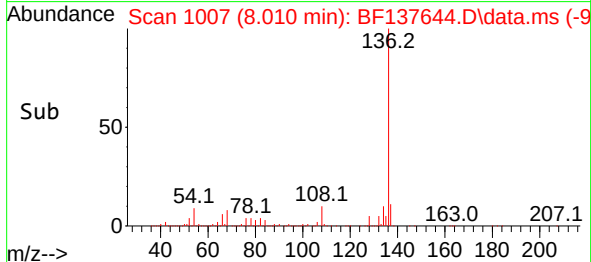
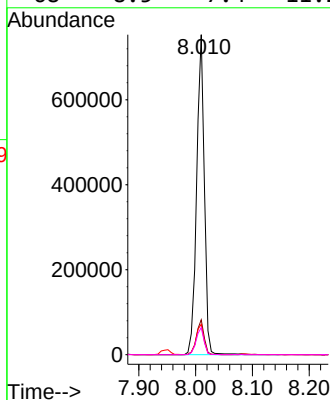
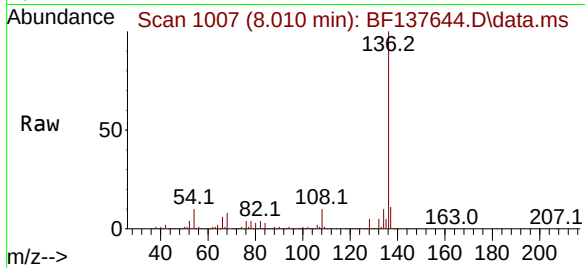




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

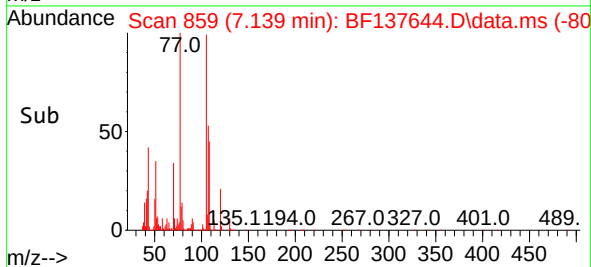
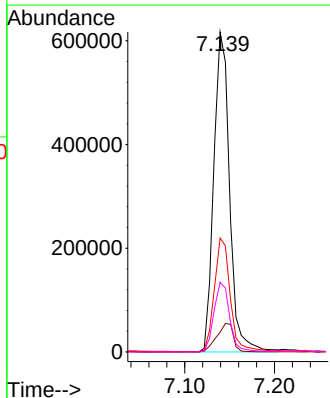
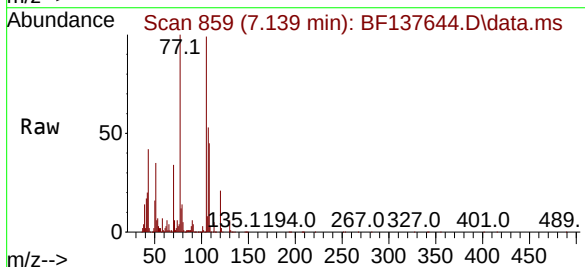
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

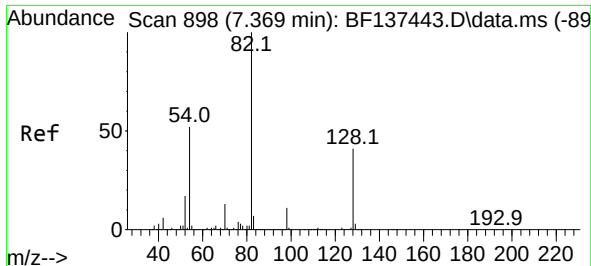
Tgt Ion:136 Resp: 716944
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.5 8.5 12.7
68 8.5 7.4 11.2



#22
Acetophenone
Concen: 43.556 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:105 Resp: 755547
Ion Ratio Lower Upper
105 100
71 6.1 7.7 11.5#
51 35.6 30.4 45.6
120 21.8 17.4 26.0

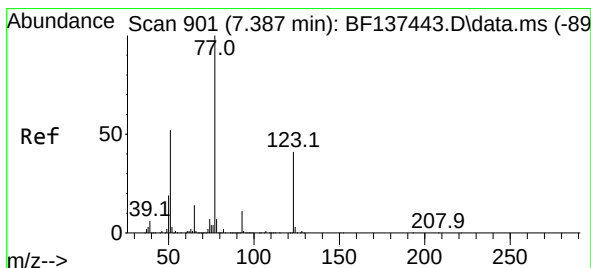
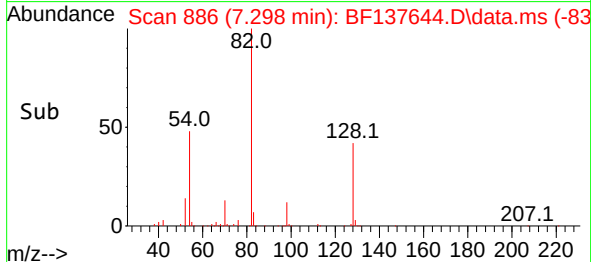
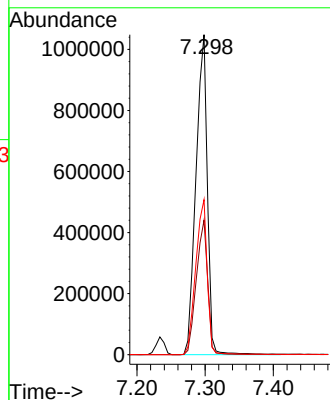
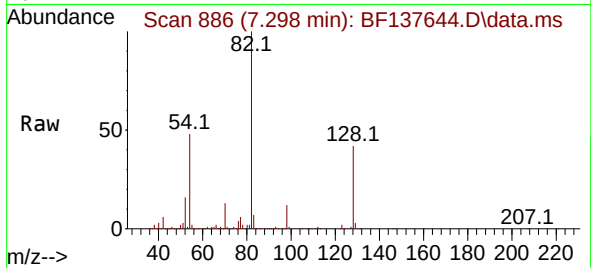




#23
Nitrobenzene-d5
Concen: 78.743 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

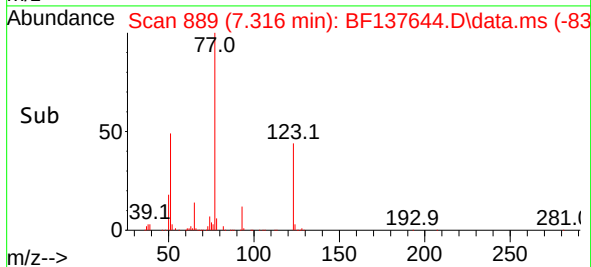
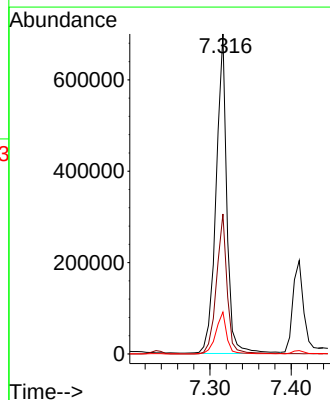
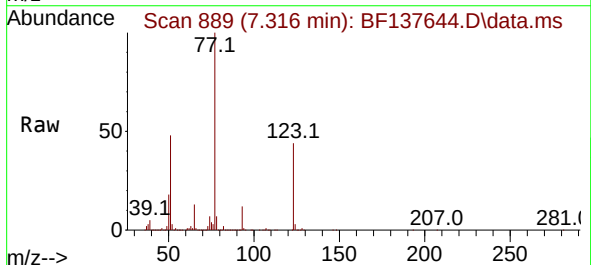
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

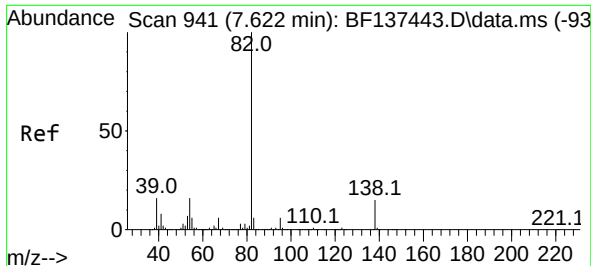
Tgt Ion: 82 Resp: 1215012
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 48.5 41.5 62.3



#24
Nitrobenzene
Concen: 41.616 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 77 Resp: 645066
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.6
65 13.1 10.9 16.3

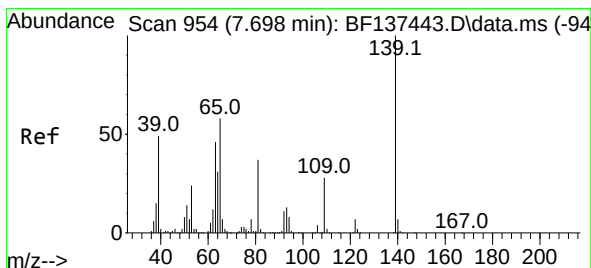
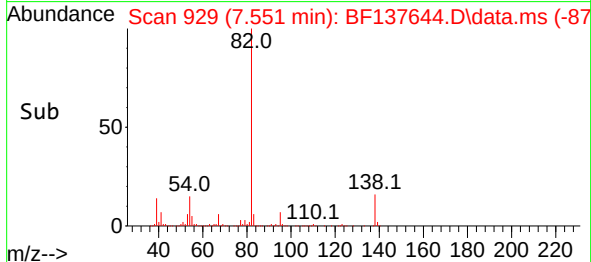
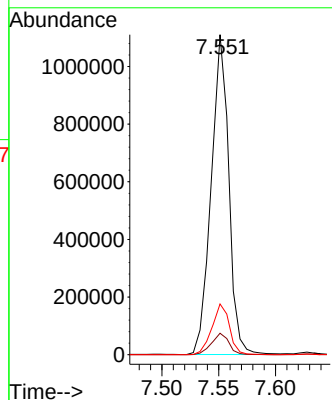
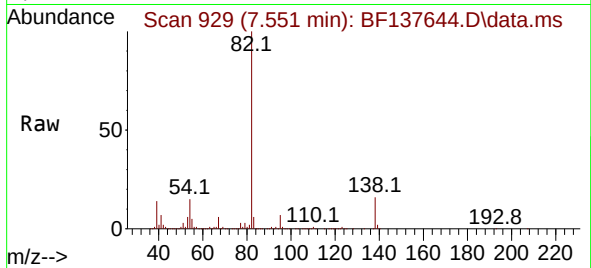




#25
Isophorone
Concen: 40.764 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

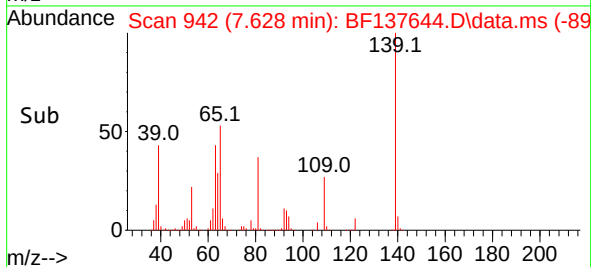
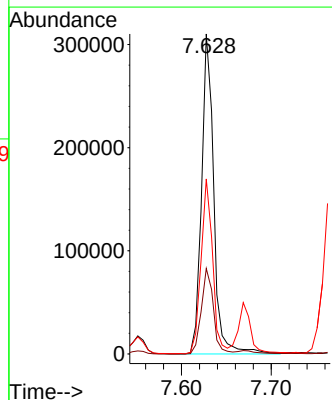
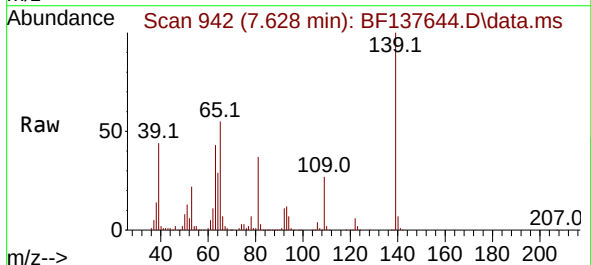
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

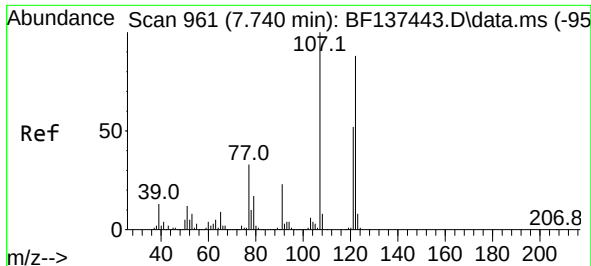
Tgt Ion: 82 Resp: 1194981
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.8 11.8 17.8



#26
2-Nitrophenol
Concen: 47.715 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:139 Resp: 293631
Ion Ratio Lower Upper
139 100
109 26.7 22.2 33.4
65 54.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 36.514 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

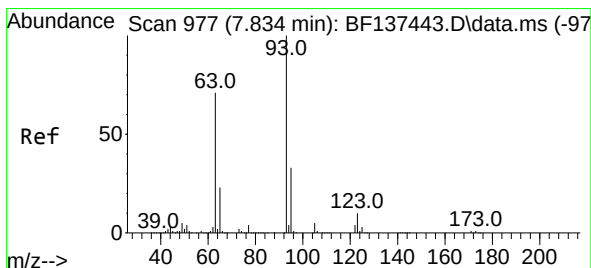
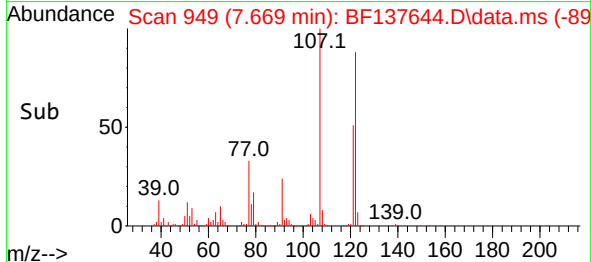
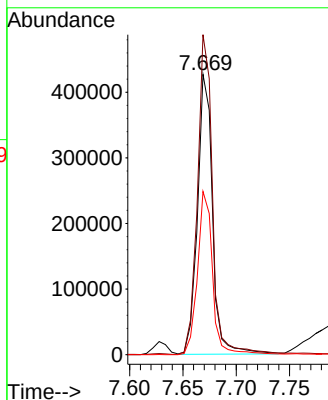
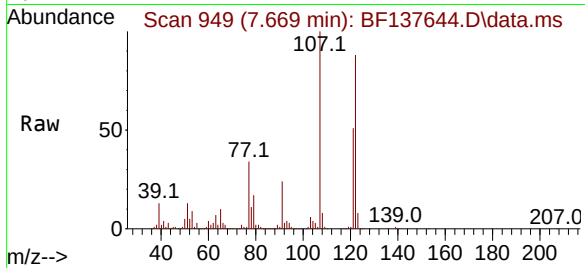
Tgt Ion:122 Resp: 419862

Ion Ratio Lower Upper

122 100

107 114.2 90.9 136.3

121 58.3 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.895 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

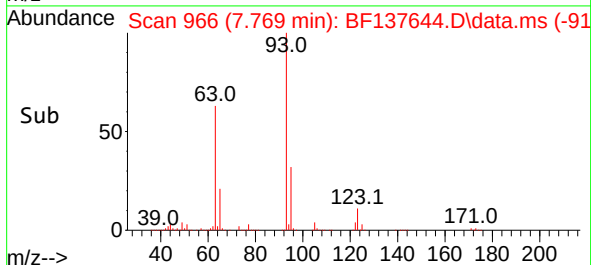
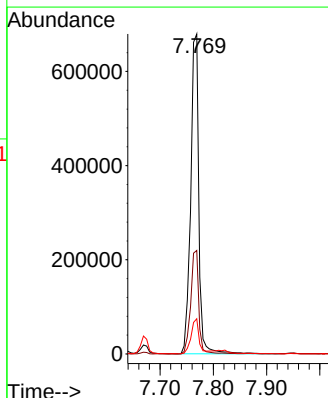
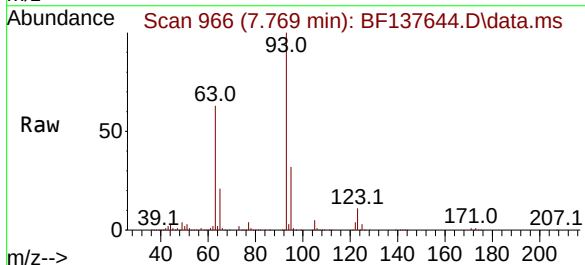
Tgt Ion: 93 Resp: 720589

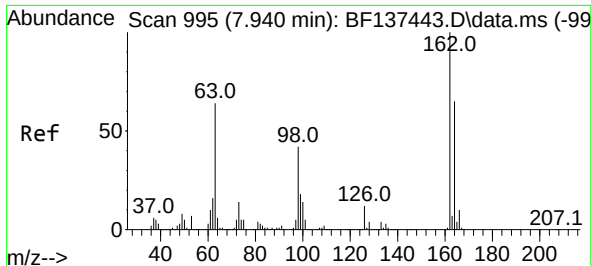
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 11.0 8.0 12.0

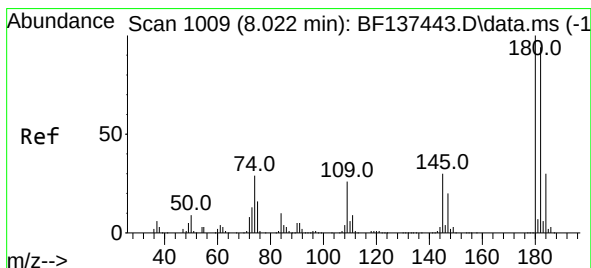
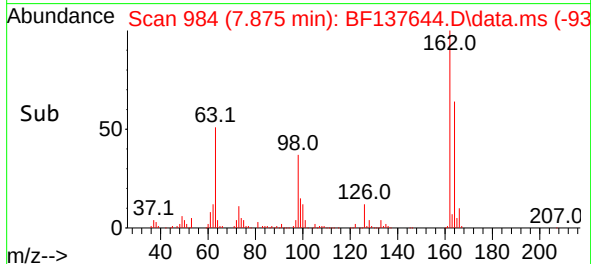
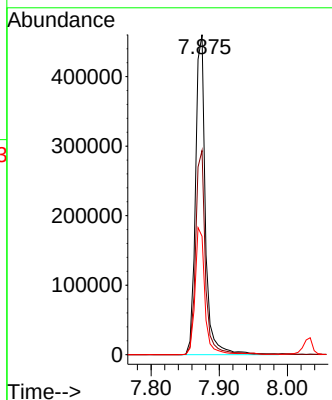
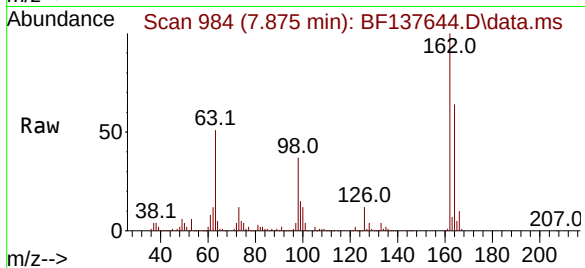




#29
2,4-Dichlorophenol
Concen: 44.068 ng
RT: 7.875 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

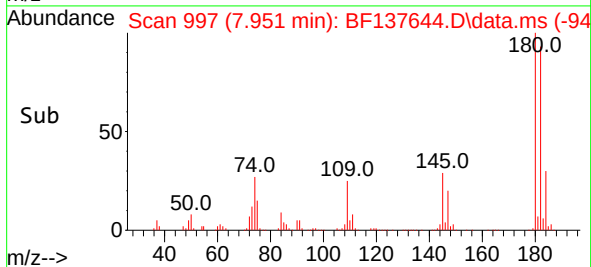
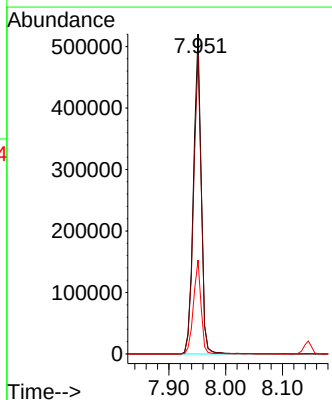
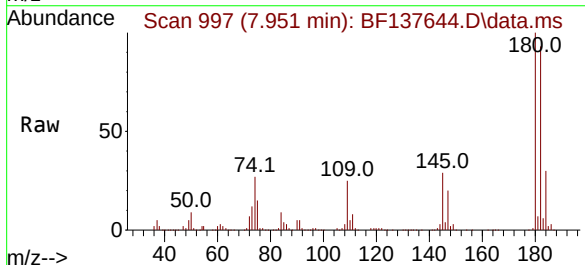
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

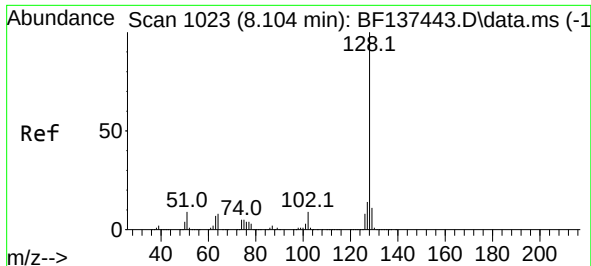
Tgt Ion:162 Resp: 465057
Ion Ratio Lower Upper
162 100
164 63.8 44.7 84.7
98 37.0 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 44.676 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:180 Resp: 496157
Ion Ratio Lower Upper
180 100
182 93.5 75.0 112.6
145 29.4 23.7 35.5

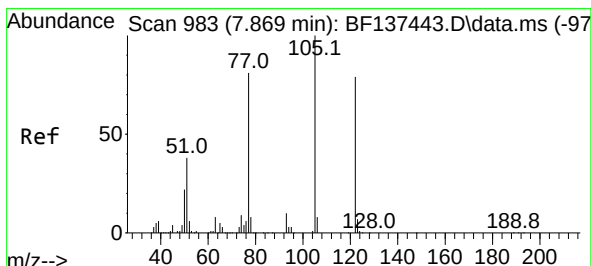
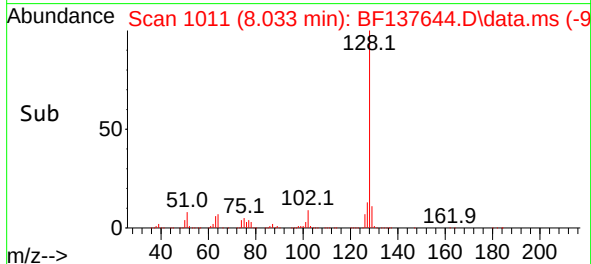
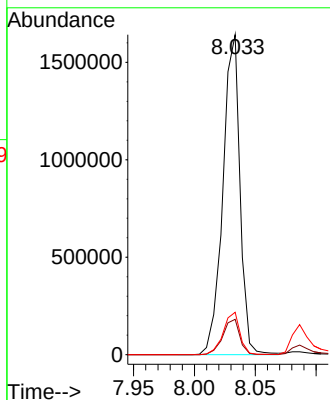
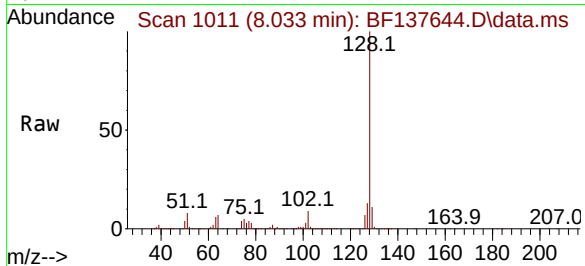




#31
Naphthalene
Concen: 41.817 ng
RT: 8.033 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

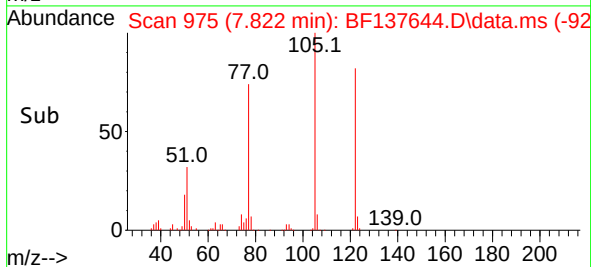
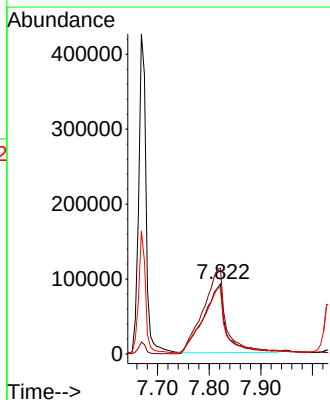
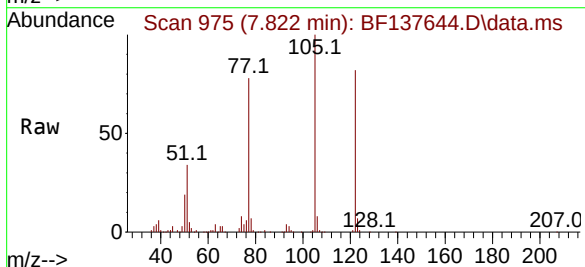
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

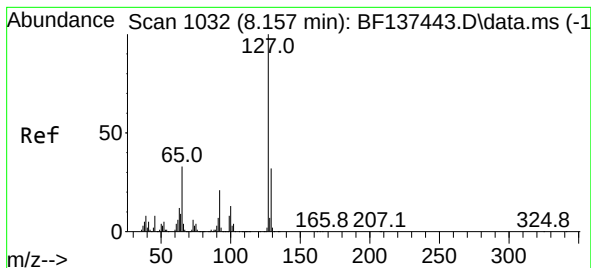
Tgt Ion:128 Resp: 1608543
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 42.362 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:122 Resp: 274873
Ion Ratio Lower Upper
122 100
105 122.3 102.4 142.4
77 95.0 81.1 121.1





#33

4-Chloroaniline

Concen: 12.847 ng

RT: 8.086 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

Tgt Ion:127 Resp: 193780

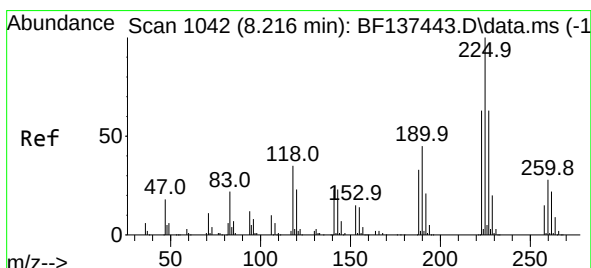
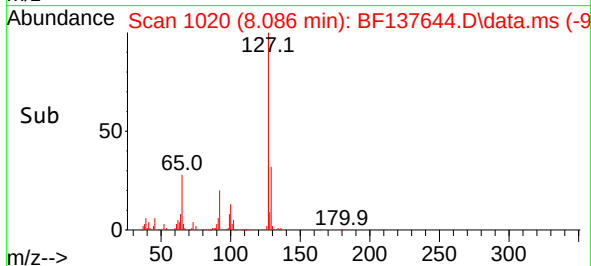
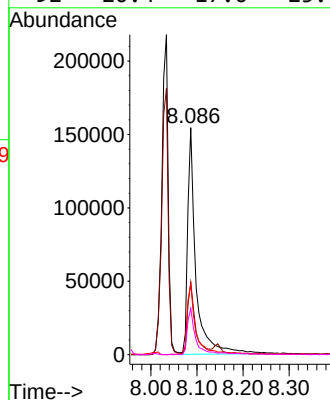
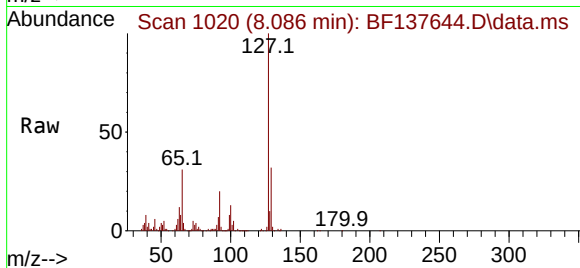
Ion Ratio Lower Upper

127 100

129 32.0 26.0 39.0

65 31.0 26.8 40.2

92 20.4 17.0 25.6



#34

Hexachlorobutadiene

Concen: 44.783 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

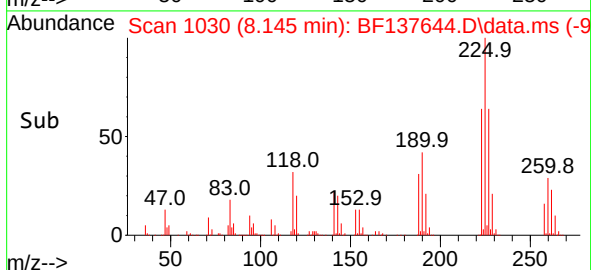
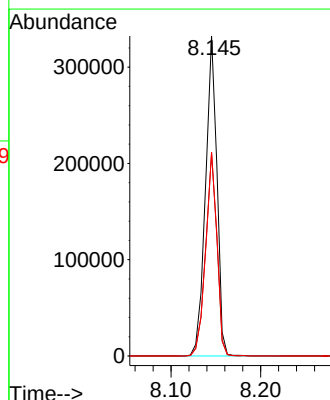
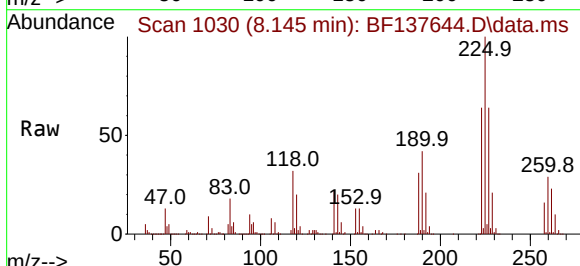
Tgt Ion:225 Resp: 293620

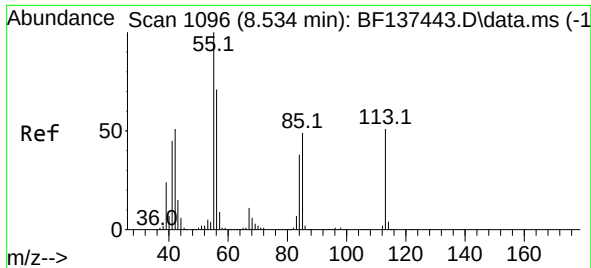
Ion Ratio Lower Upper

225 100

223 63.6 50.7 76.1

227 63.7 50.6 75.8

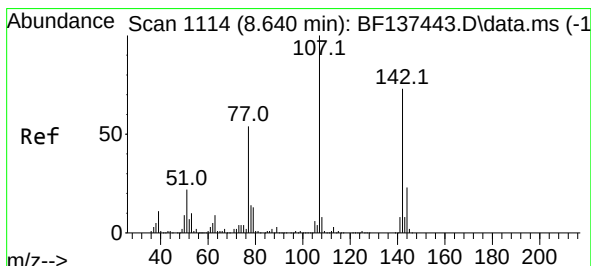
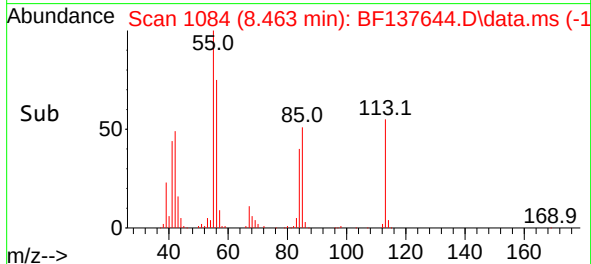
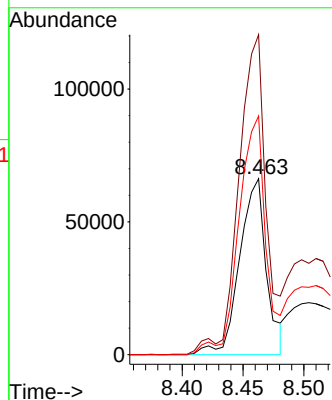
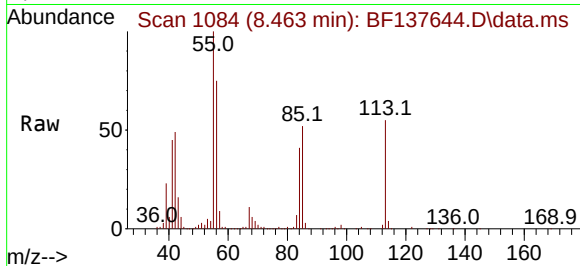




#35
 Caprolactam
 Concen: 28.283 ng
 RT: 8.463 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137644.D
 Acq: 19 Mar 2024 13:11

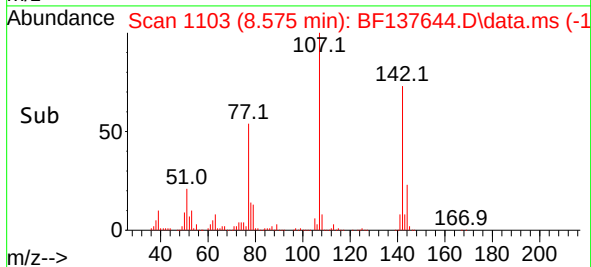
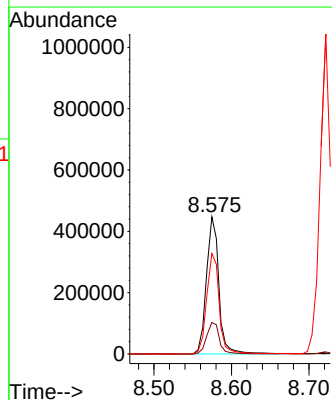
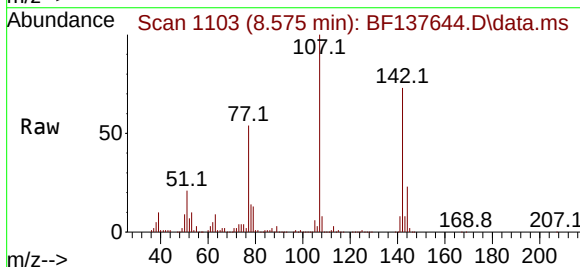
Instrument :
 BNA_F
 ClientSampleId :
 PB159643BSD

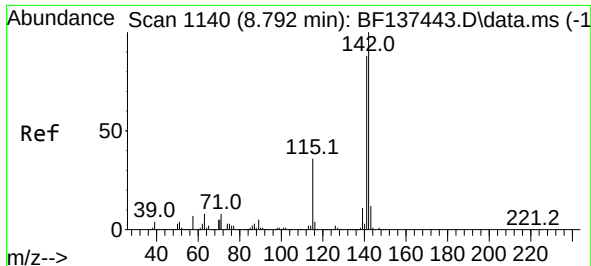
Tgt Ion:113 Resp: 101208
 Ion Ratio Lower Upper
 113 100
 55 181.8 176.7 216.7
 56 135.7 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.164 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137644.D
 Acq: 19 Mar 2024 13:11

Tgt Ion:107 Resp: 497379
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.7 28.1
 142 73.3 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.877 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

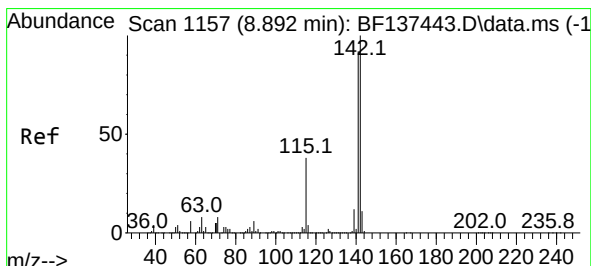
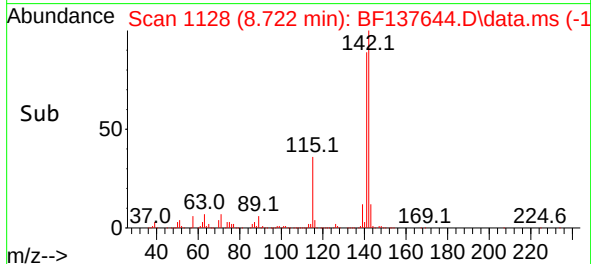
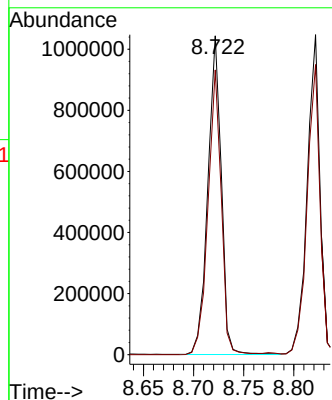
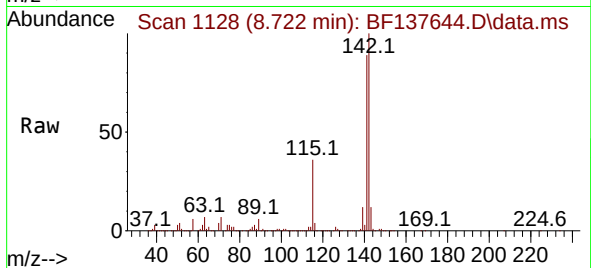
PB159643BSD

Tgt Ion:142 Resp: 977884

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 40.431 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137644.D

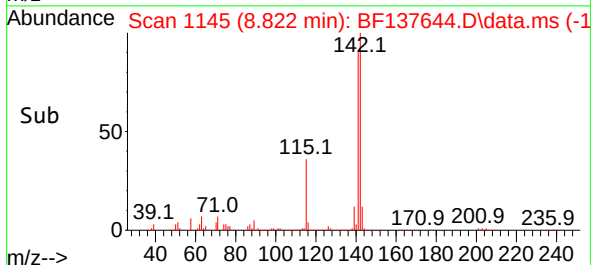
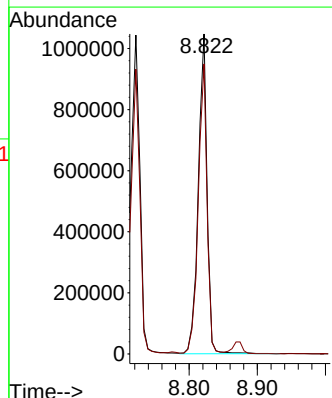
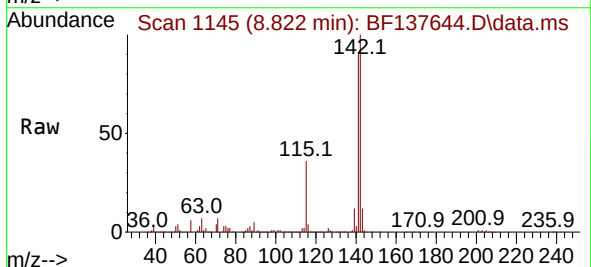
Acq: 19 Mar 2024 13:11

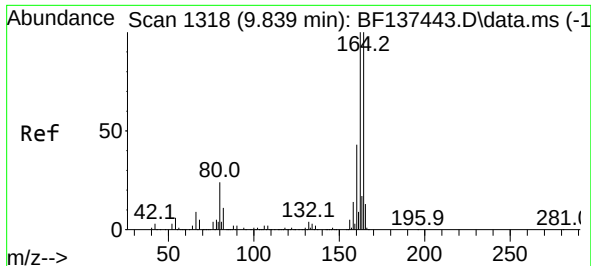
Tgt Ion:142 Resp: 933680

Ion Ratio Lower Upper

142 100

141 90.6 73.4 110.2

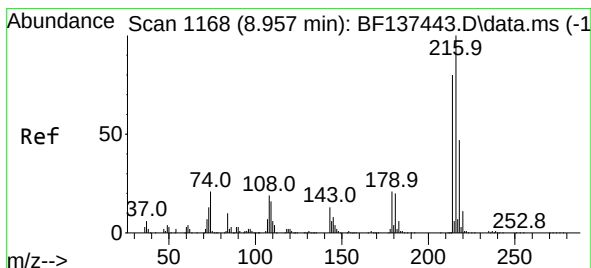
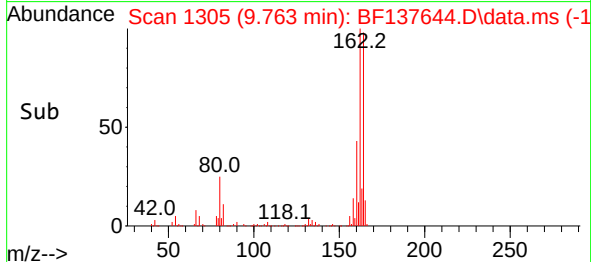
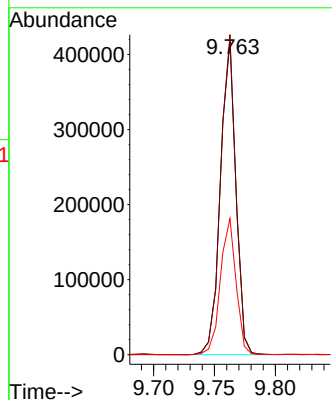
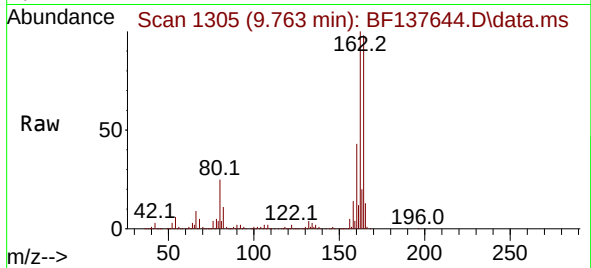




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

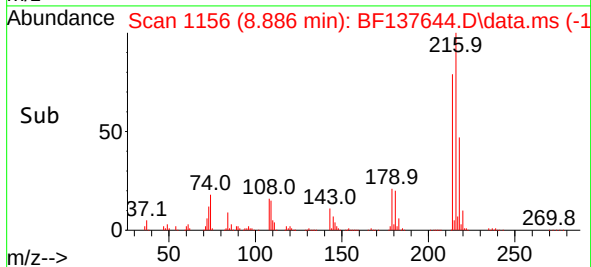
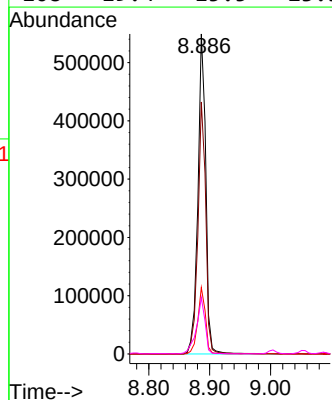
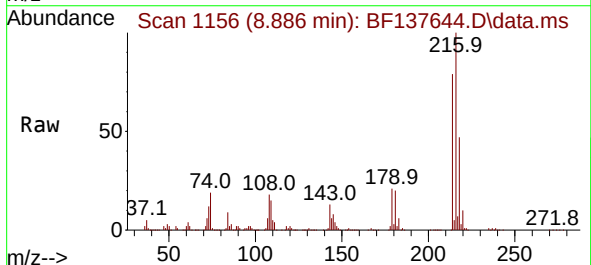
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

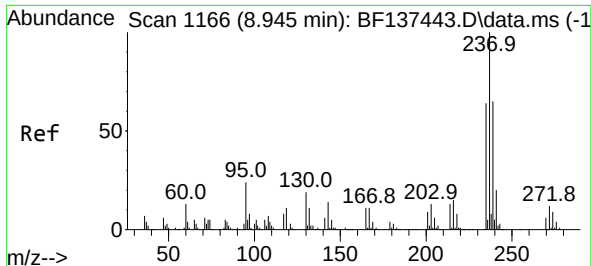
Tgt Ion:164 Resp: 371097
Ion Ratio Lower Upper
164 100
162 102.1 79.8 119.8
160 43.4 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.720 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:216 Resp: 494380
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 20.4 16.6 25.0
108 19.4 15.5 23.3

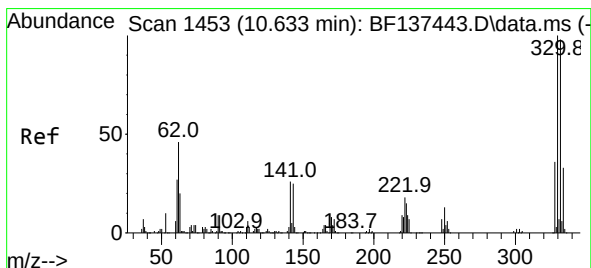
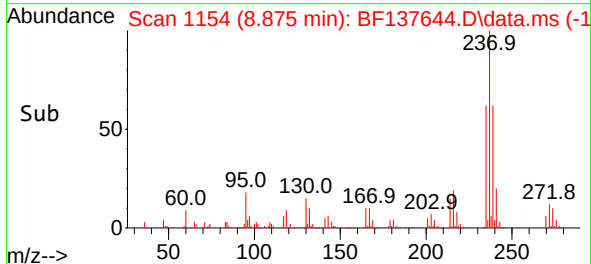
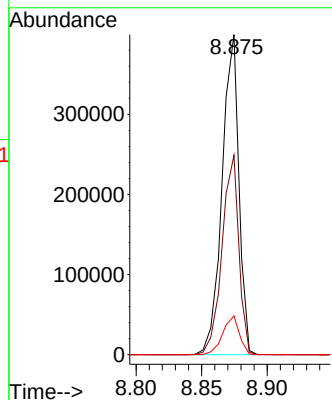
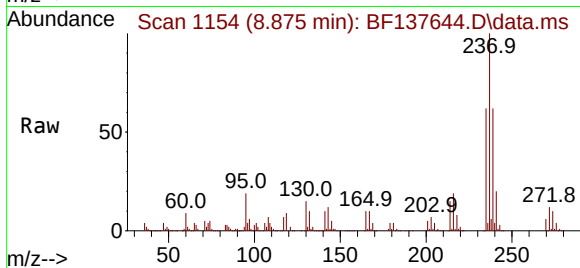




#41
Hexachlorocyclopentadiene
Concen: 83.694 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

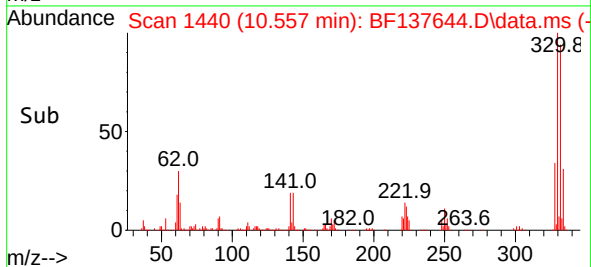
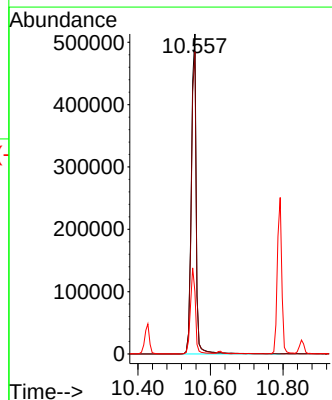
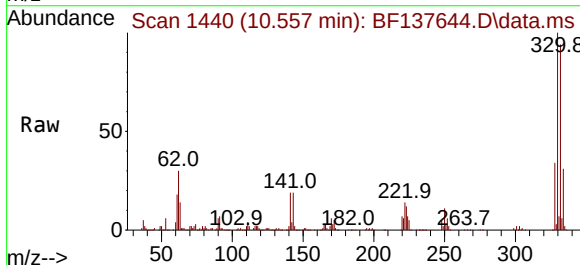
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

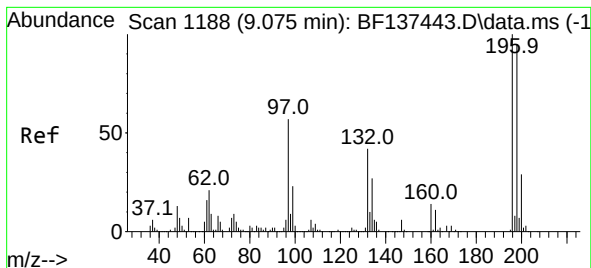
Tgt Ion:237 Resp: 355646
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 12.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 144.805 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:330 Resp: 471902
Ion Ratio Lower Upper
330 100
332 95.1 78.0 117.0
141 27.9 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 46.950 ng

RT: 9.004 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

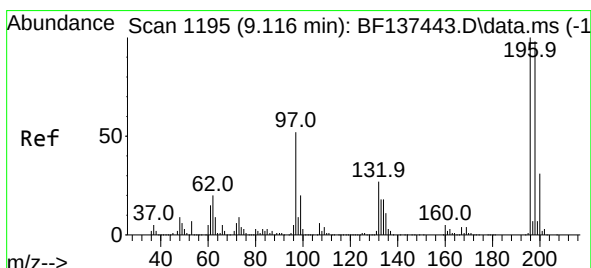
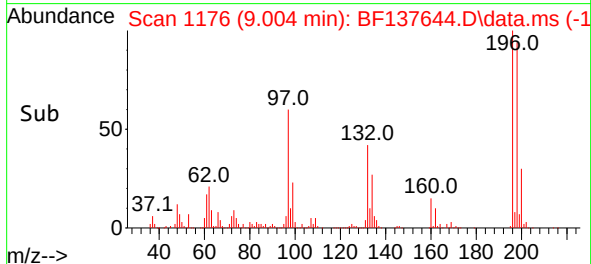
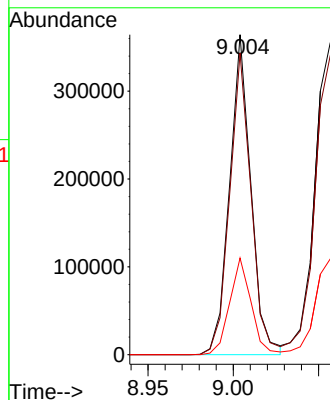
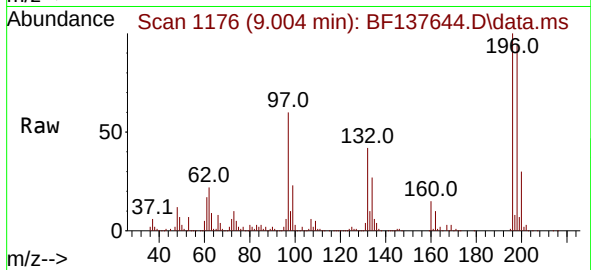
Tgt Ion:196 Resp: 316753

Ion Ratio Lower Upper

196 100

198 94.3 75.8 113.8

200 30.2 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 42.124 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.017 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Tgt Ion:196 Resp: 327371

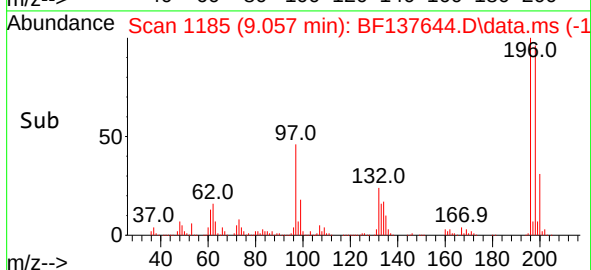
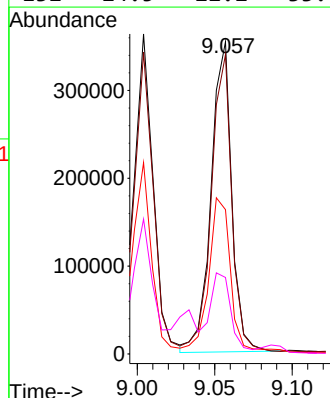
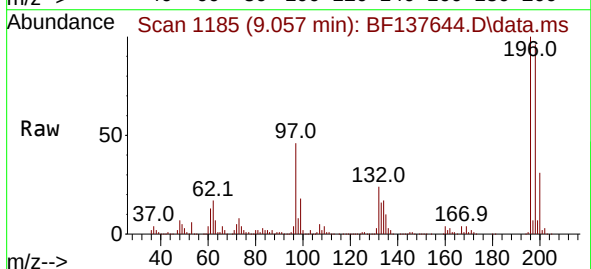
Ion Ratio Lower Upper

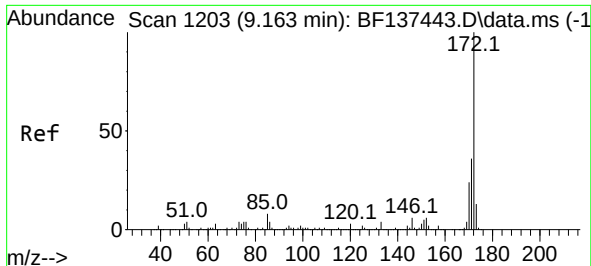
196 100

198 95.9 78.6 117.8

97 46.2 41.8 62.8

132 24.5 22.2 33.4

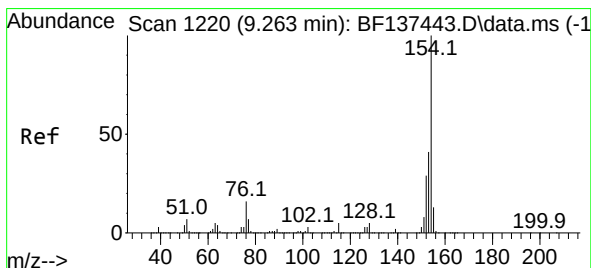
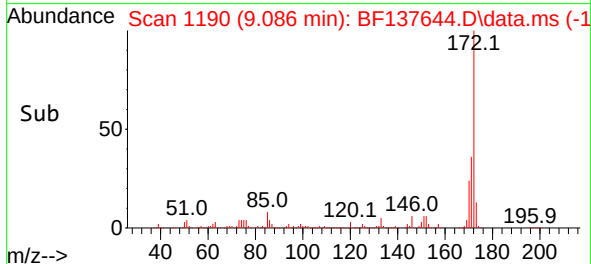
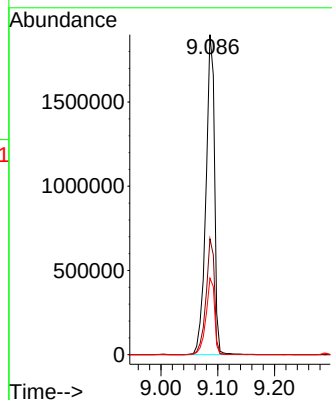
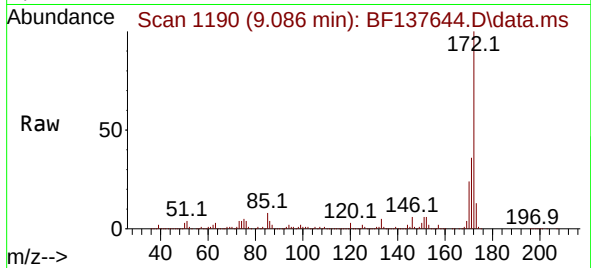




#45
2-Fluorobiphenyl
Concen: 84.222 ng
RT: 9.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

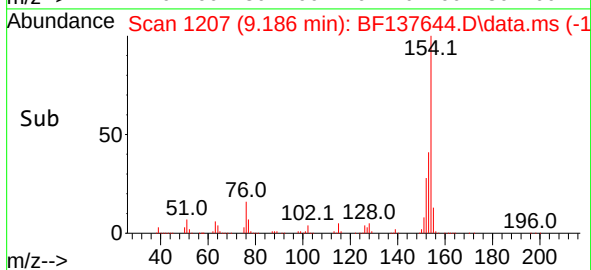
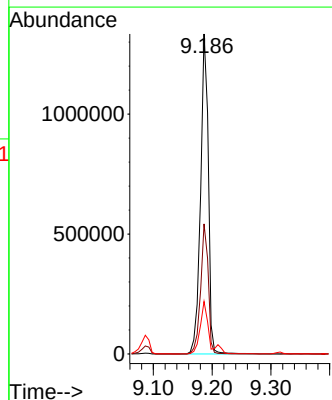
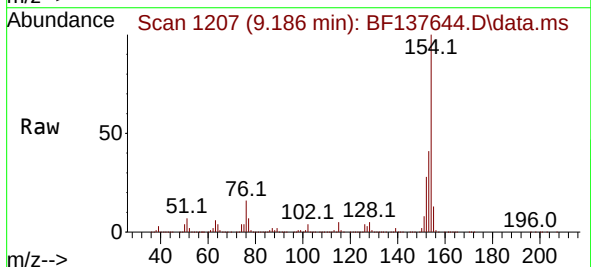
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

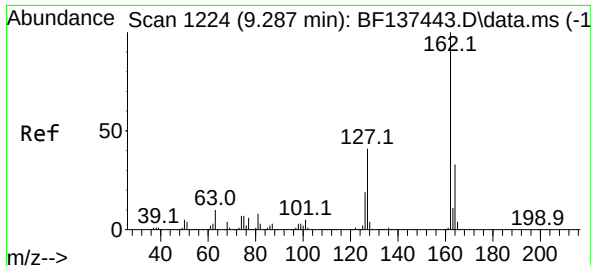
Tgt Ion:172 Resp: 1996639
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.034 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:154 Resp: 1223180
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 16.4 0.0 35.8

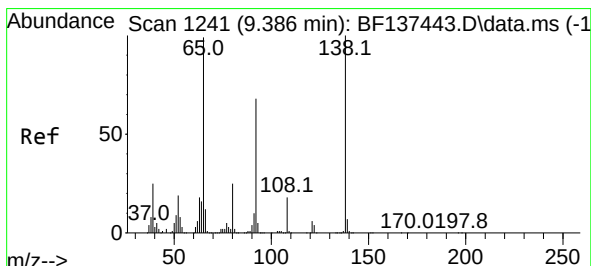
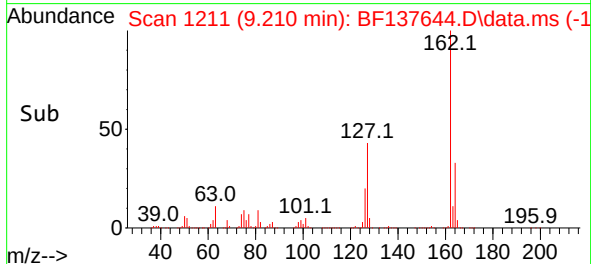
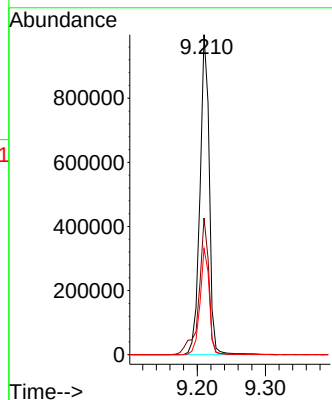
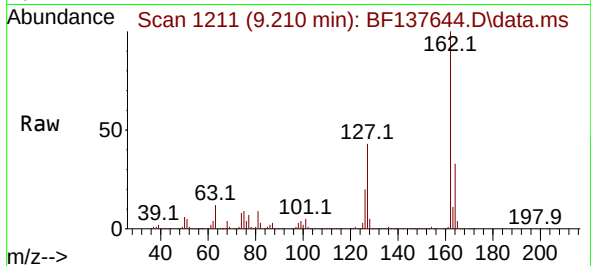




#47
2-Chloronaphthalene
Concen: 45.850 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

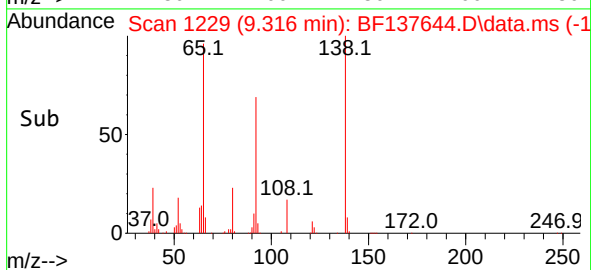
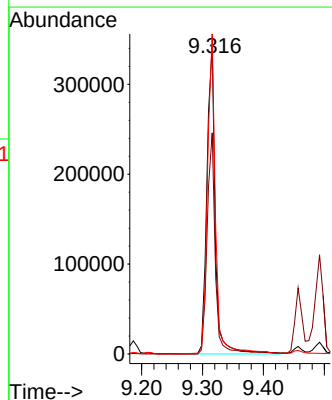
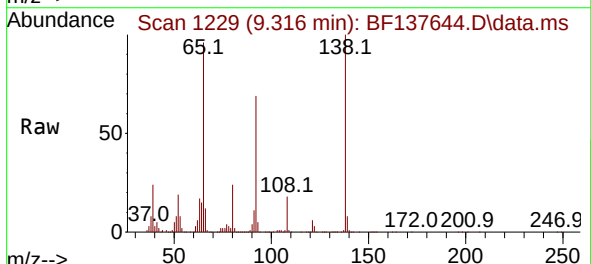
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

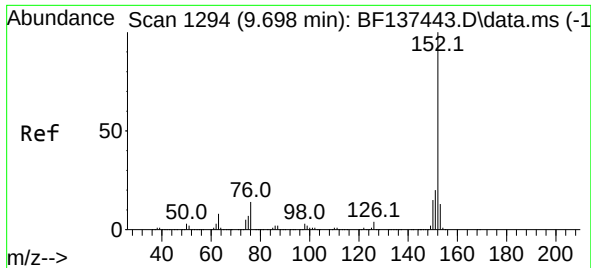
Tgt Ion:162 Resp: 949455
Ion Ratio Lower Upper
162 100
127 42.7 32.6 49.0
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 46.539 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 65 Resp: 327566
Ion Ratio Lower Upper
65 100
92 71.7 55.4 83.2
138 103.7 81.0 121.6





#49

Acenaphthylene

Concen: 45.038 ng

RT: 9.627 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

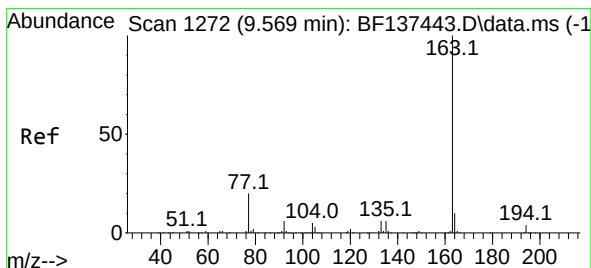
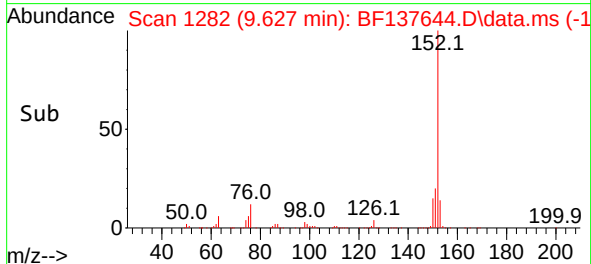
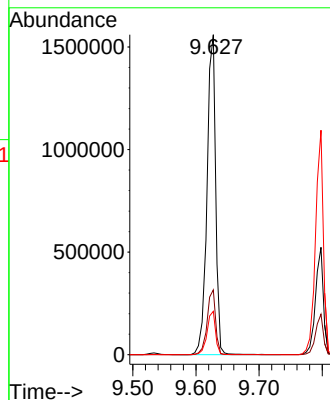
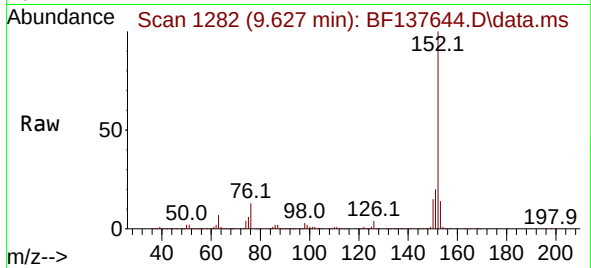
Tgt Ion:152 Resp: 1492555

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 44.443 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

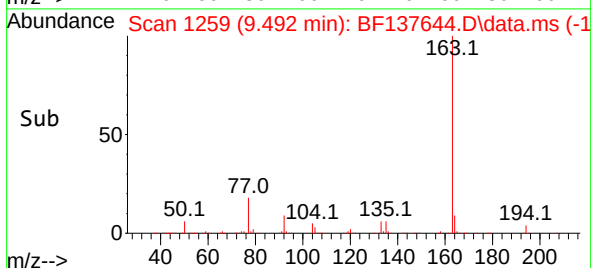
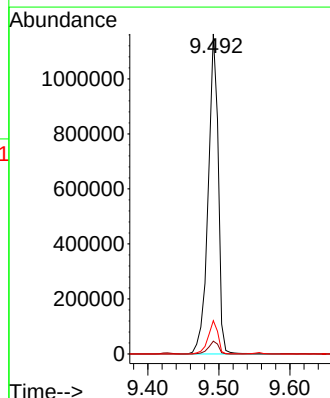
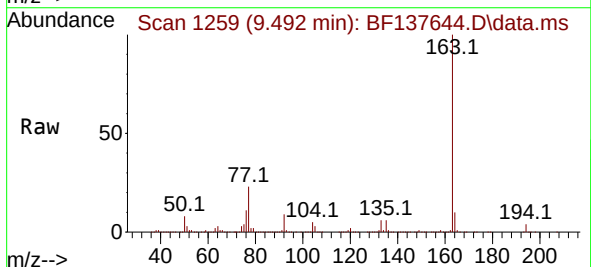
Tgt Ion:163 Resp: 1148081

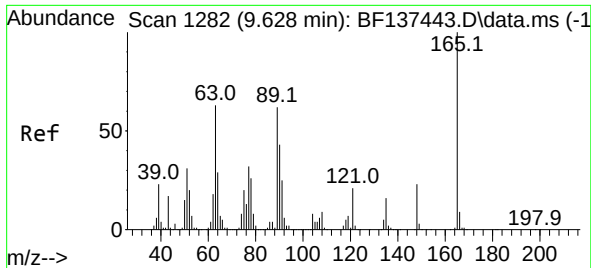
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.1 12.1

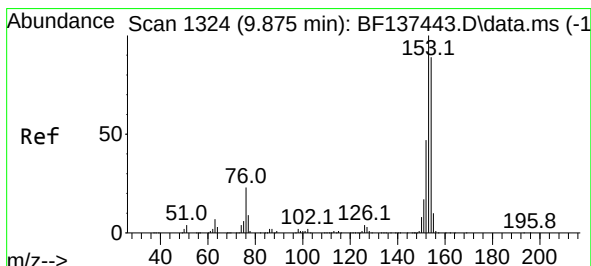
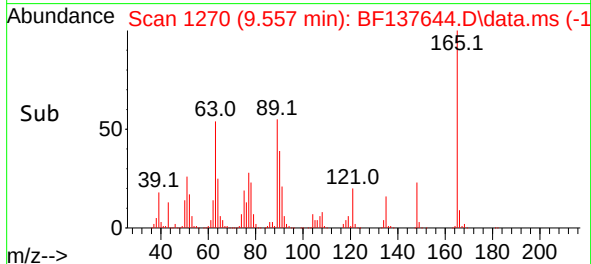
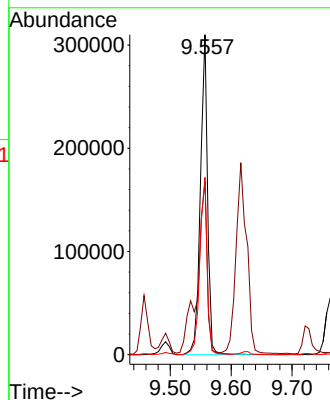
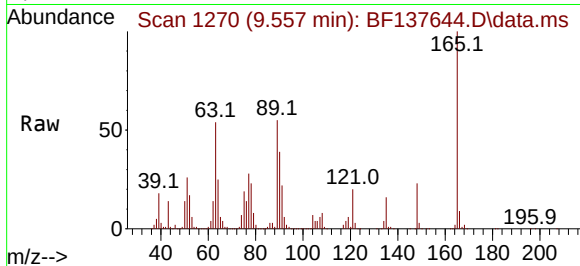




#51
2,6-Dinitrotoluene
Concen: 46.804 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

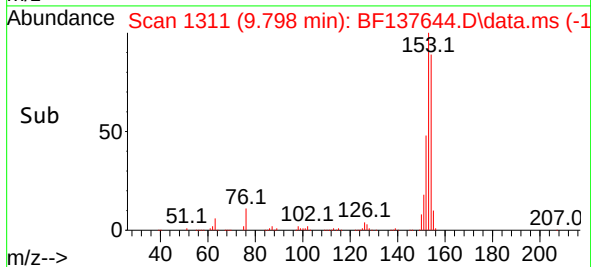
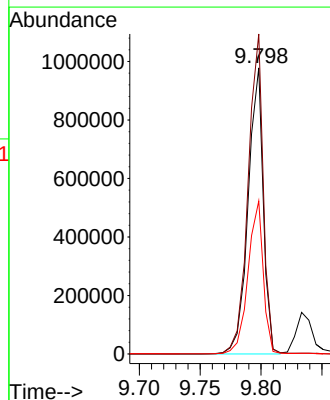
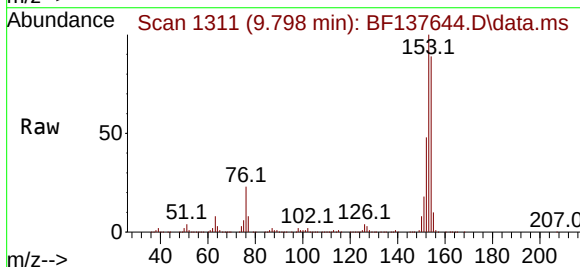
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

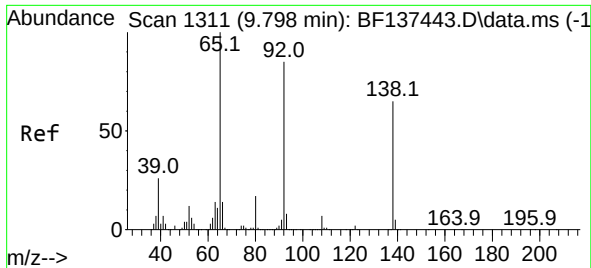
Tgt Ion:165 Resp: 252888
Ion Ratio Lower Upper
165 100
63 54.2 50.7 76.1
89 55.4 50.0 75.0



#52
Acenaphthene
Concen: 42.800 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:154 Resp: 846781
Ion Ratio Lower Upper
154 100
153 111.9 90.3 135.5
152 53.5 42.7 64.1

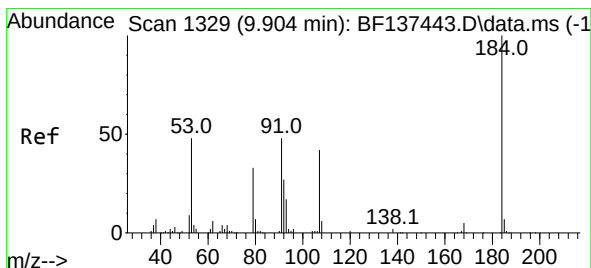
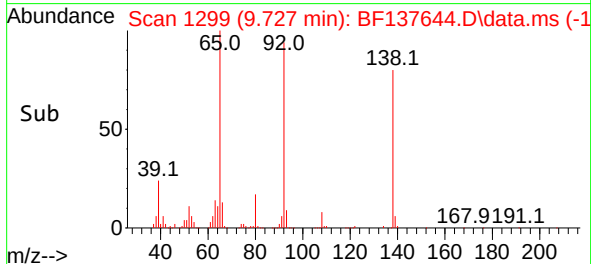
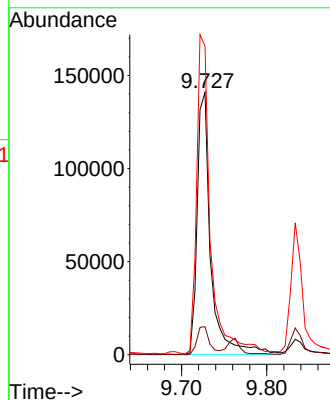
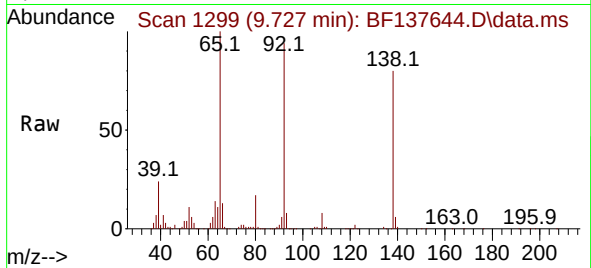




#53
3-Nitroaniline
Concen: 27.403 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

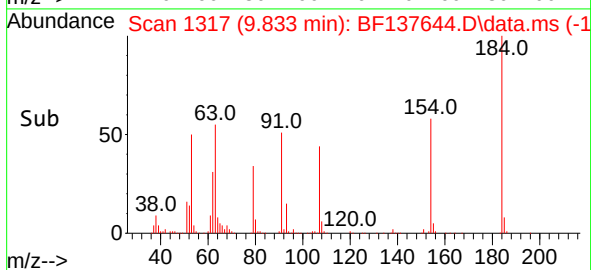
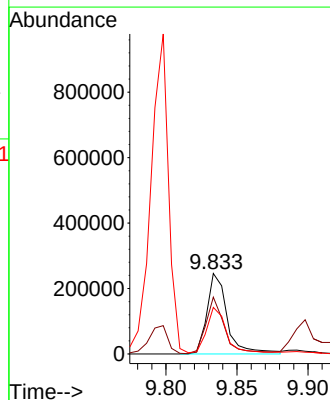
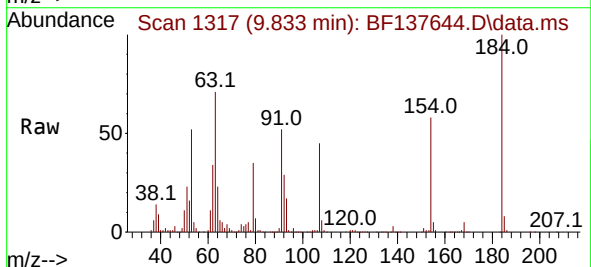
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

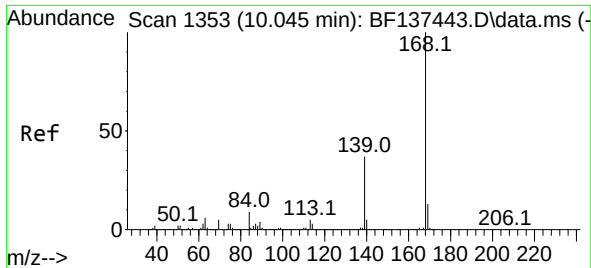
Tgt Ion:138 Resp: 156610
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 117.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 91.455 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:184 Resp: 244478
Ion Ratio Lower Upper
184 100
63 70.5 53.3 79.9
154 57.8 47.4 71.0

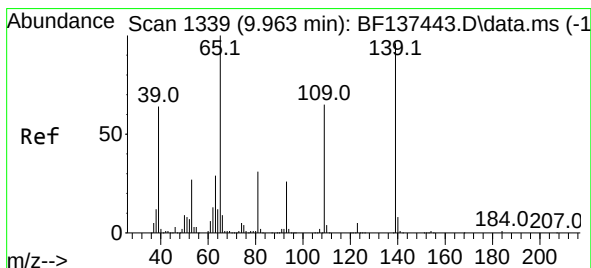
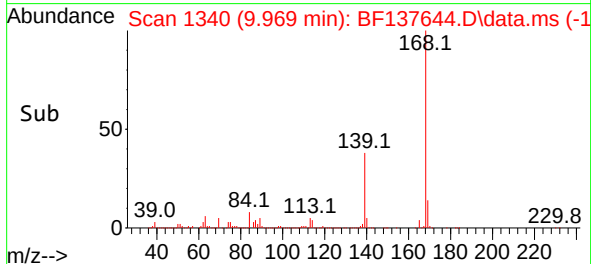
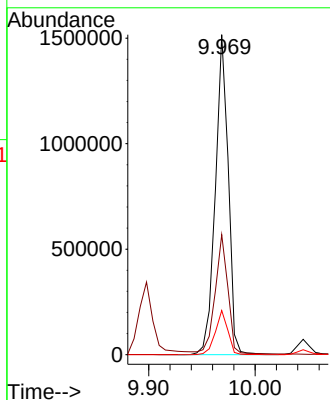
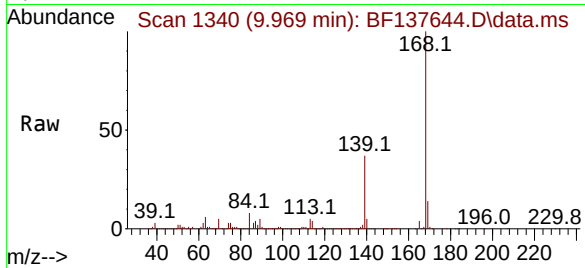




#55
Dibenzofuran
Concen: 42.484 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

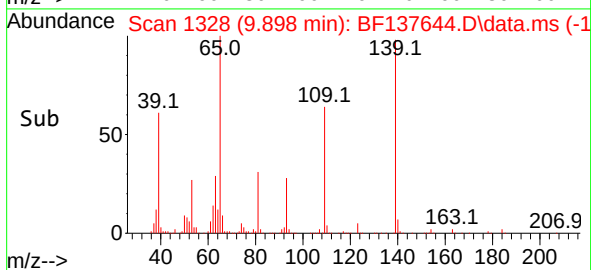
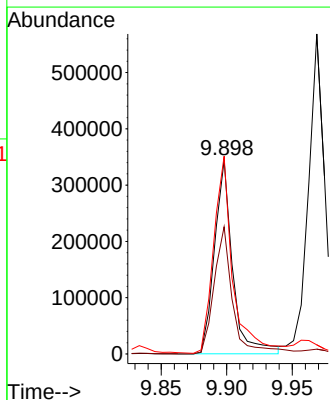
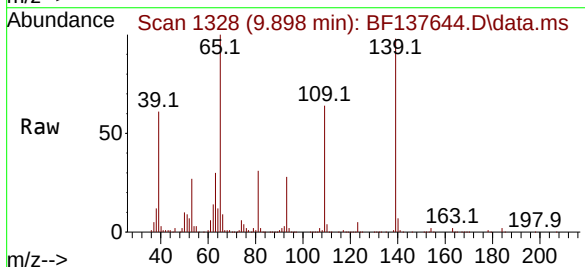
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

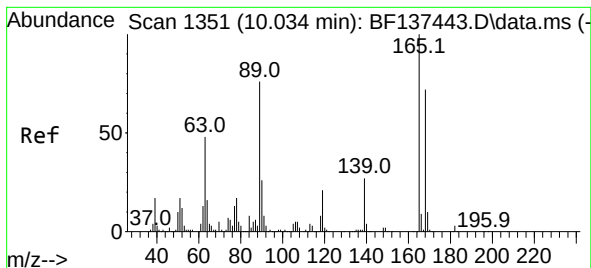
Tgt Ion:168 Resp: 1280201
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 81.377 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:139 Resp: 331219
Ion Ratio Lower Upper
139 100
109 65.6 47.1 87.1
65 102.0 85.1 125.1

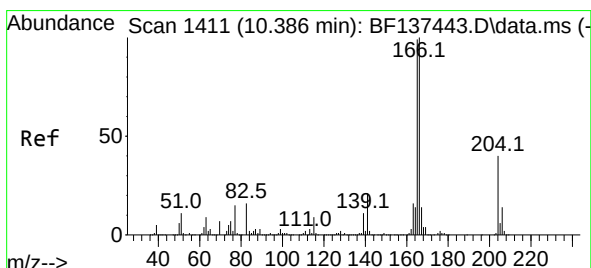
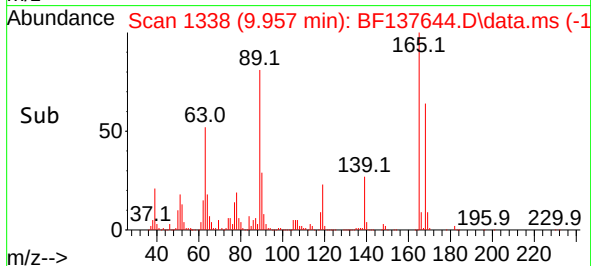
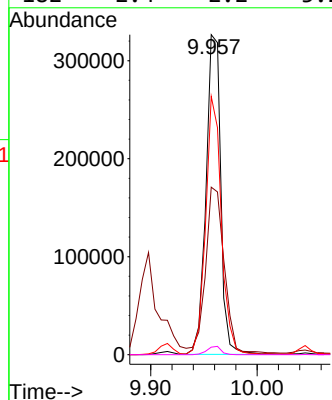
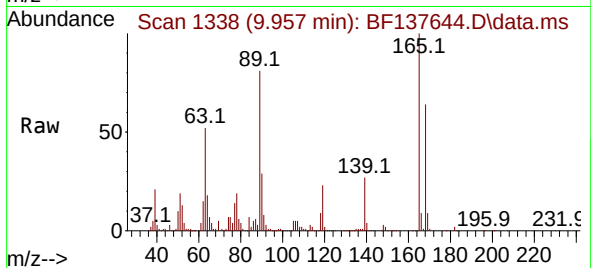




#57
2,4-Dinitrotoluene
Concen: 47.563 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

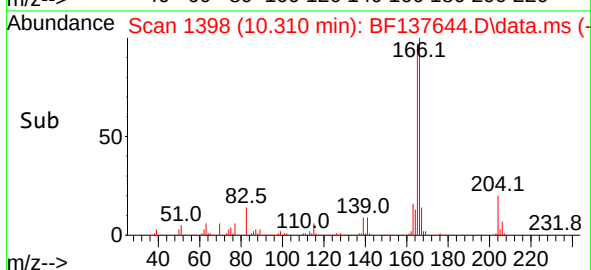
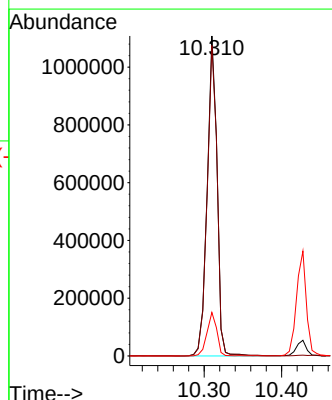
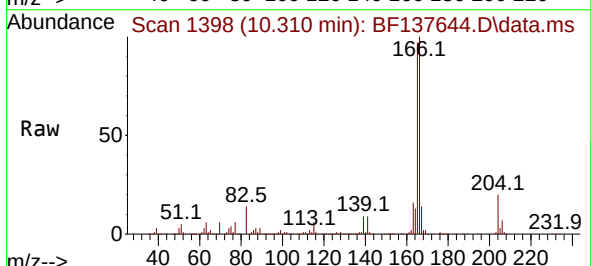
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

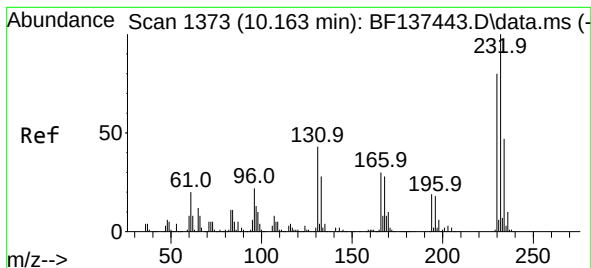
Tgt Ion:165 Resp: 315735
Ion Ratio Lower Upper
165 100
63 52.4 39.0 58.6
89 80.7 60.9 91.3
182 2.4 2.2 3.2



#58
Fluorene
Concen: 42.233 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:166 Resp: 977377
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 13.6 11.0 16.6

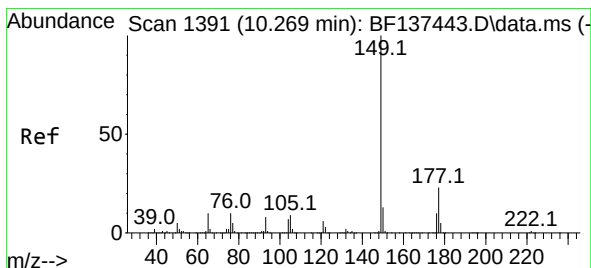
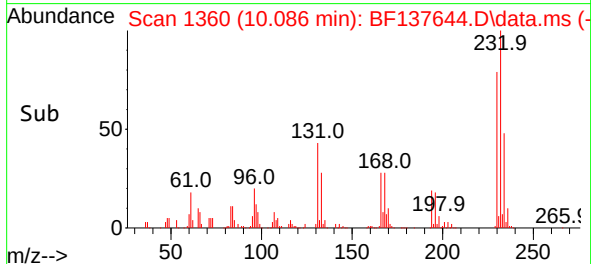
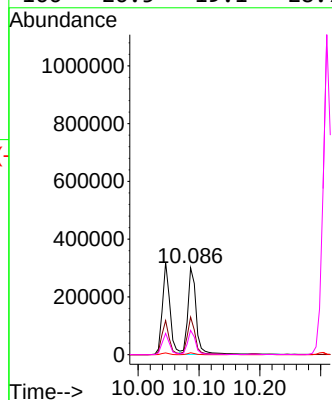
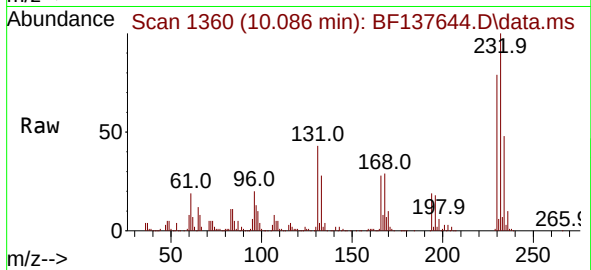




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.306 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

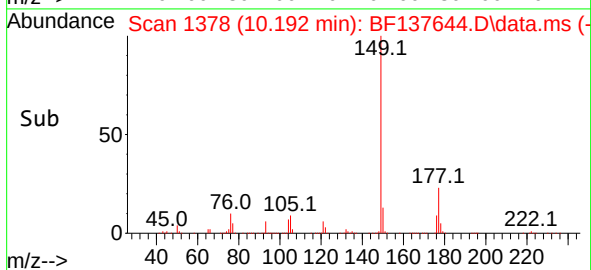
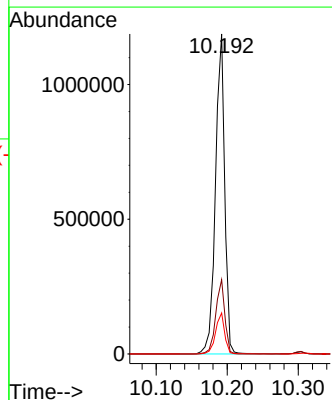
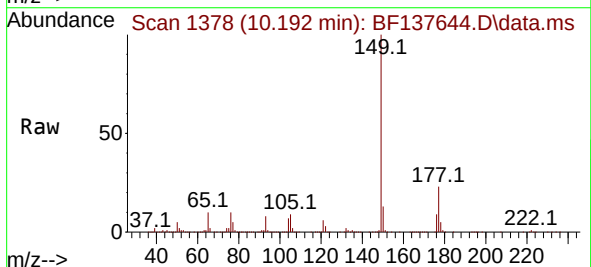
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

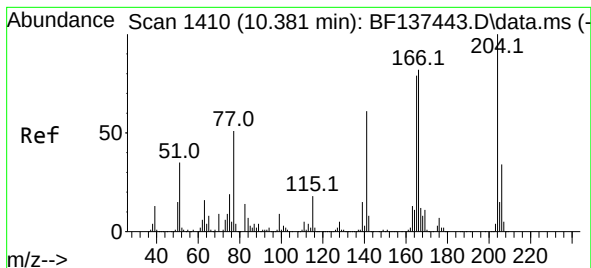
Tgt Ion:232 Resp: 288590
Ion Ratio Lower Upper
232 100
131 41.1 31.2 46.8
130 2.1 1.8 2.6
166 26.5 19.1 28.7



#60
Diethylphthalate
Concen: 44.056 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:149 Resp: 1074724
Ion Ratio Lower Upper
149 100
177 23.2 18.7 28.1
150 12.8 10.2 15.4

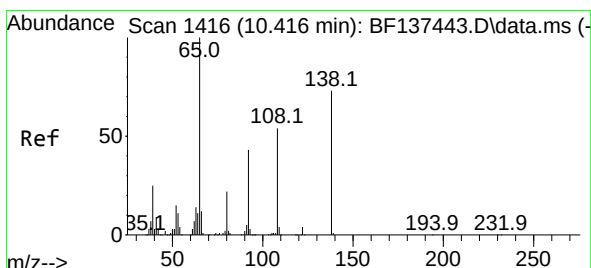
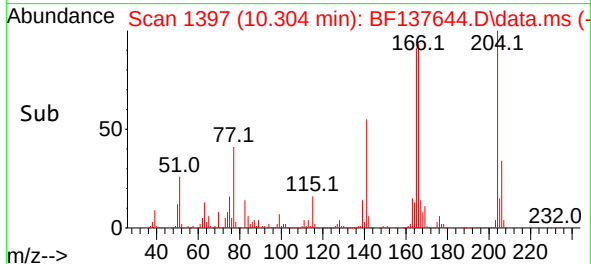
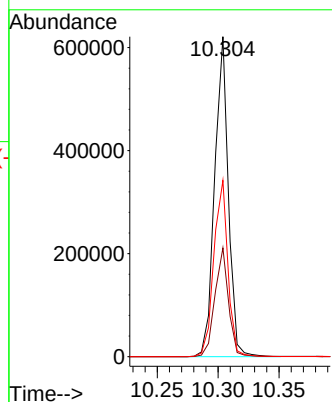
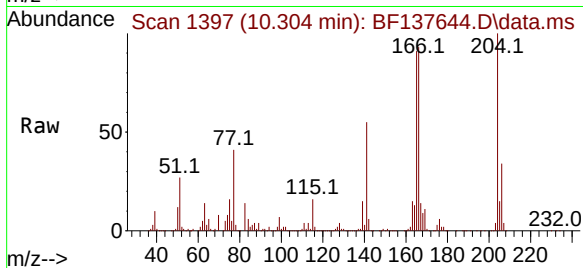




#61
4-Chlorophenyl-phenylether
Concen: 42.733 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

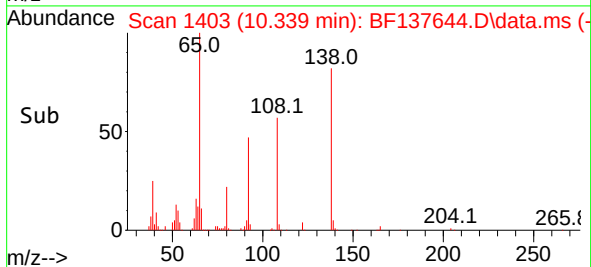
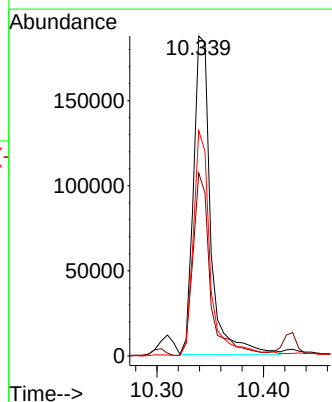
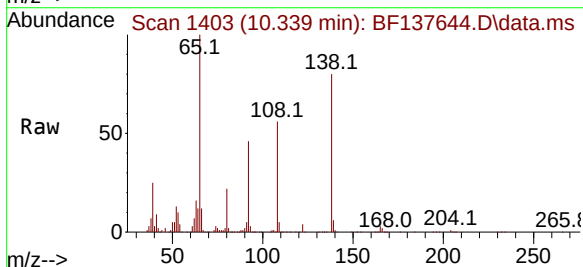
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

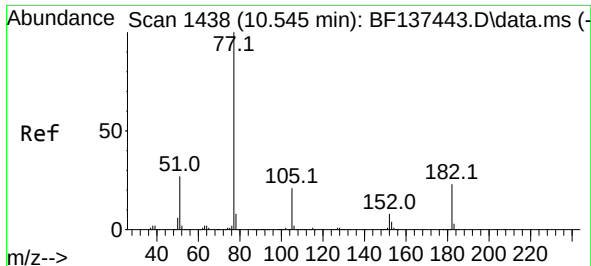
Tgt Ion:204 Resp: 484675
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 55.1 48.4 72.6



#62
4-Nitroaniline
Concen: 42.815 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:138 Resp: 210308
Ion Ratio Lower Upper
138 100
92 57.2 37.9 77.9
108 70.4 53.2 93.2

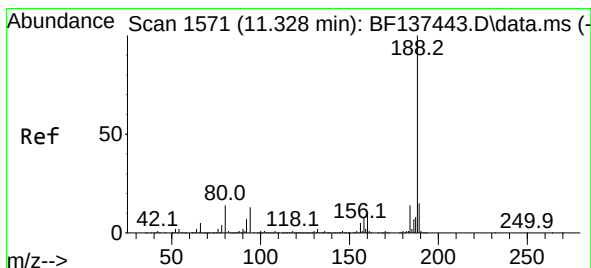
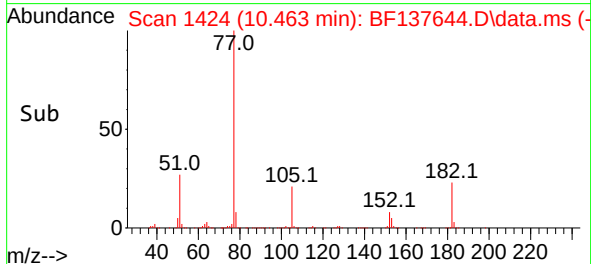
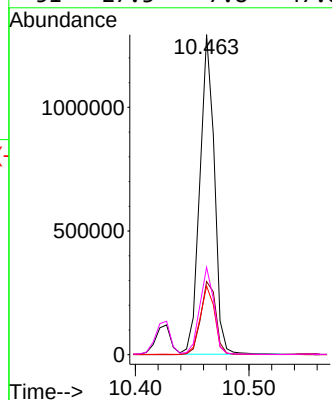
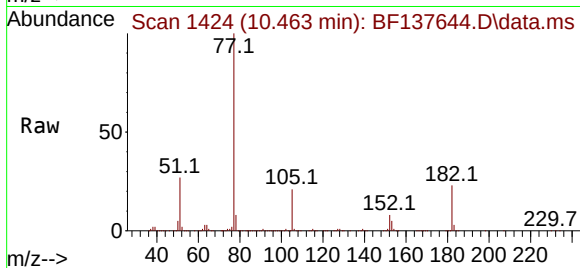




#63
Azobenzene
Concen: 40.637 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

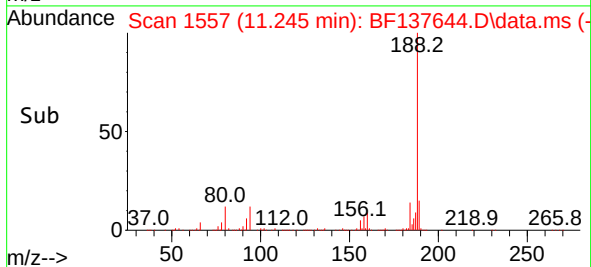
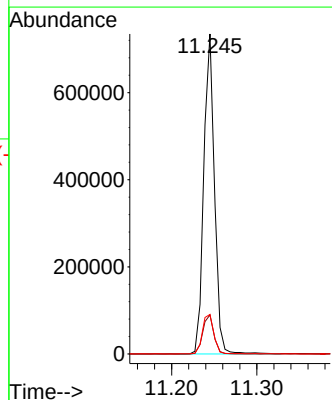
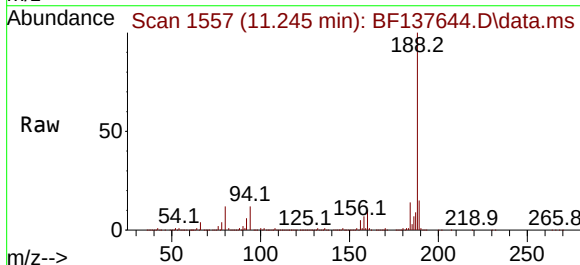
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

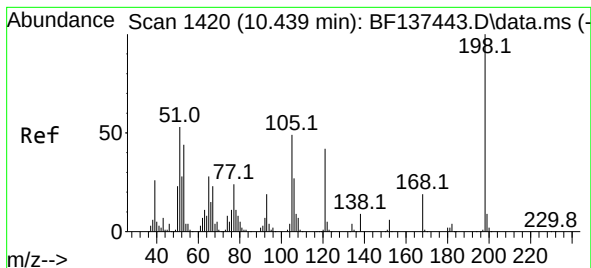
Tgt Ion: 77 Resp: 1141497
Ion Ratio Lower Upper
77 100
182 22.8 3.2 43.2
105 21.4 1.2 41.2
51 27.3 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion: 188 Resp: 641577
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 12.4 11.5 17.3

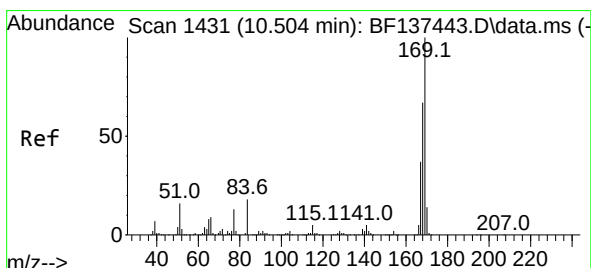
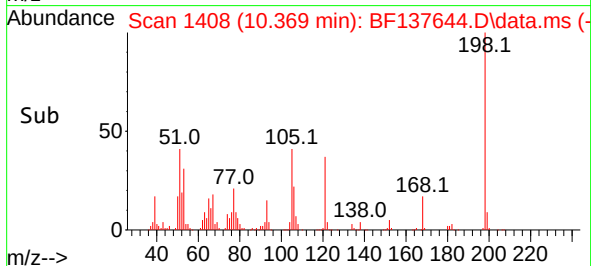
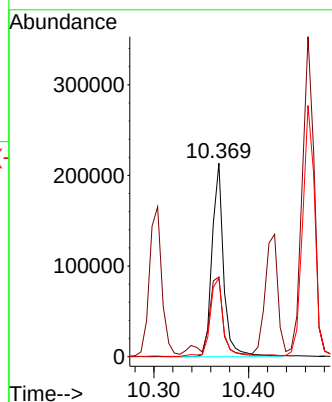
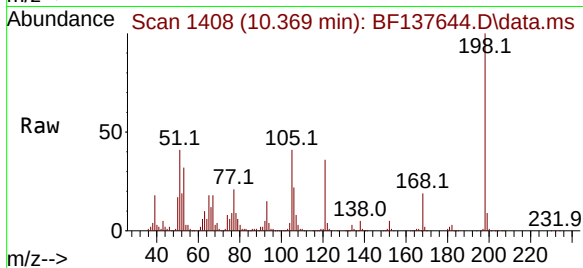




#65
4,6-Dinitro-2-methylphenol
Concen: 50.490 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

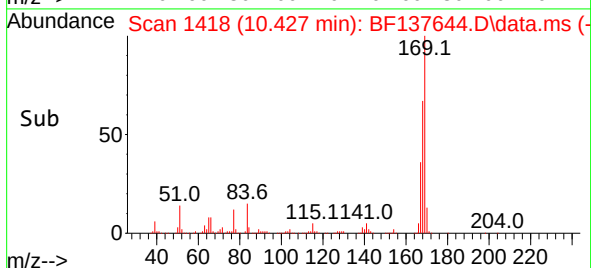
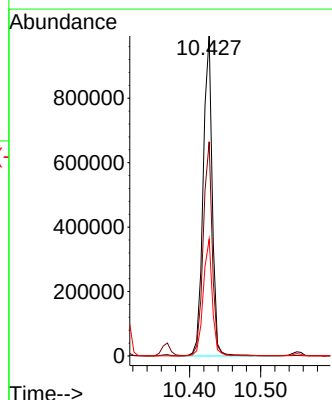
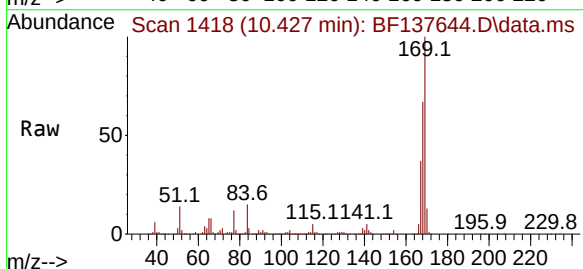
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

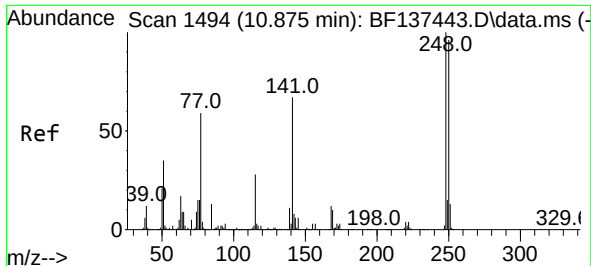
Tgt Ion:198 Resp: 180541
Ion Ratio Lower Upper
198 100
51 41.2 37.2 77.2
105 40.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.883 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:169 Resp: 885955
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.5 29.6 44.4

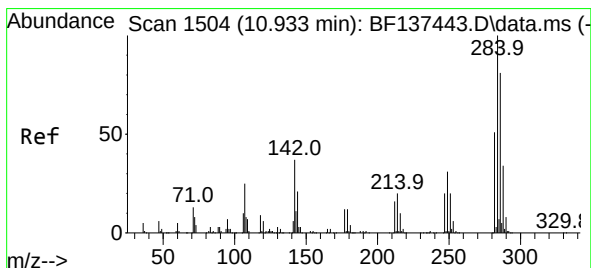
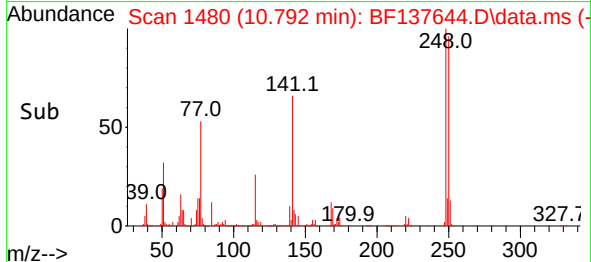
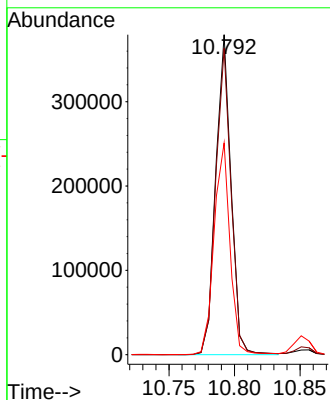
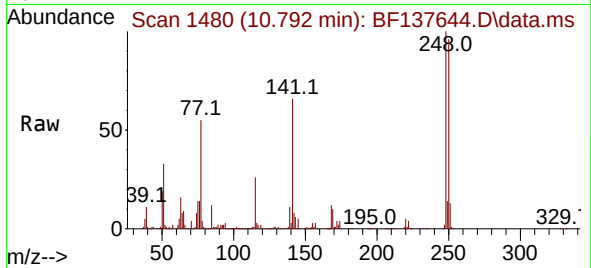




#67
4-Bromophenyl-phenylether
Concen: 44.101 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

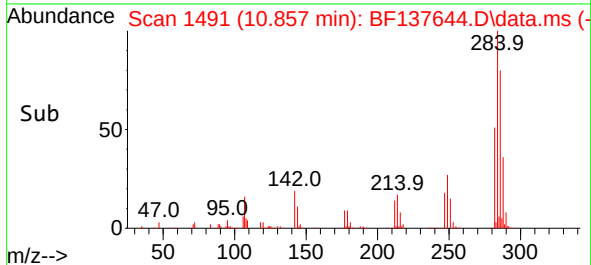
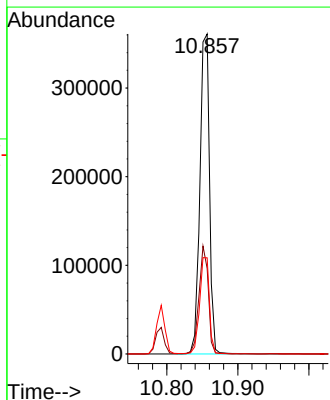
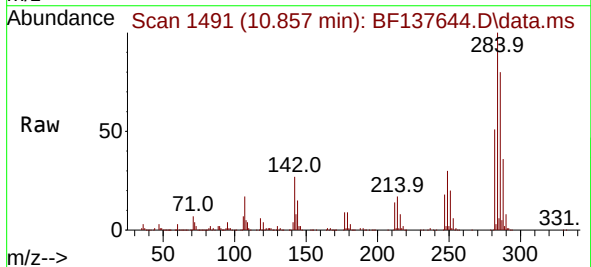
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

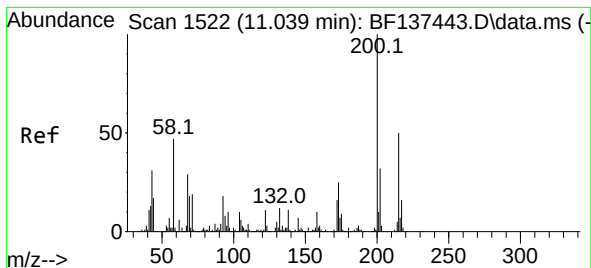
Tgt Ion:248 Resp: 308173
Ion Ratio Lower Upper
248 100
250 95.7 76.8 115.2
141 66.1 53.4 80.0



#68
Hexachlorobenzene
Concen: 48.224 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:284 Resp: 340362
Ion Ratio Lower Upper
284 100
142 26.7 29.4 44.0#
249 30.0 25.0 37.4





#69

Atrazine

Concen: 41.387 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

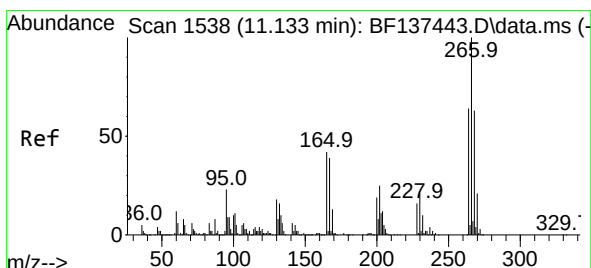
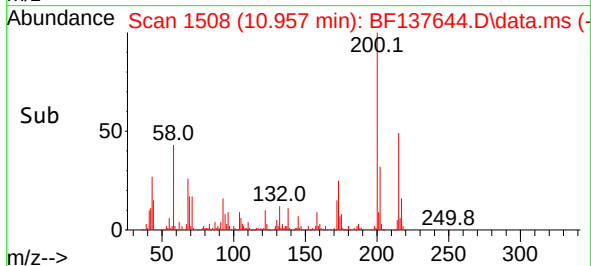
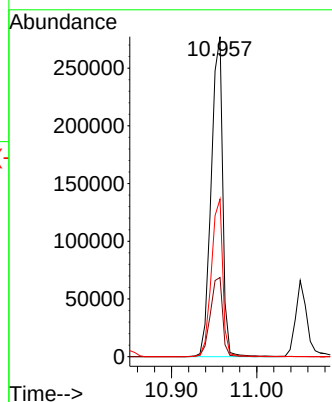
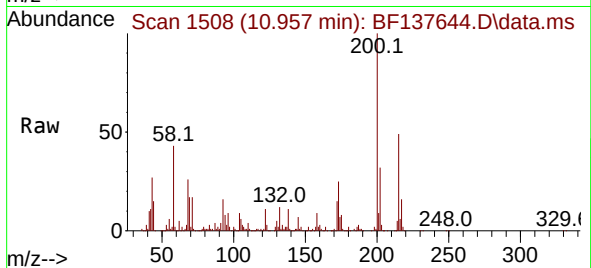
Tgt Ion:200 Resp: 259932

Ion Ratio Lower Upper

200 100

173 24.7 5.1 45.1

215 49.2 30.4 70.4



#70

Pentachlorophenol

Concen: 83.310 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

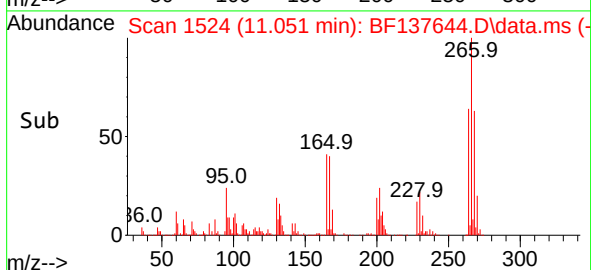
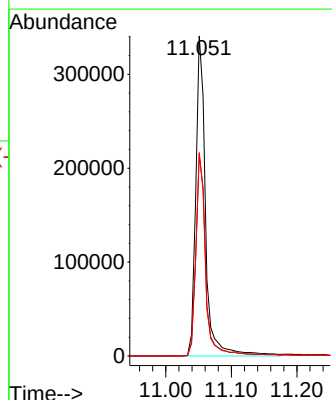
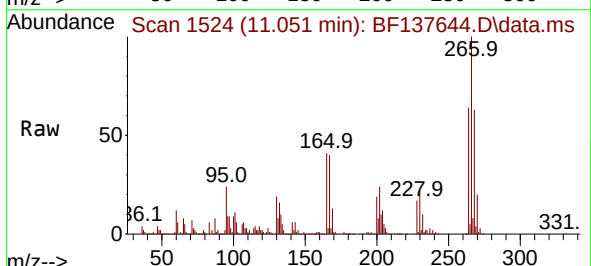
Tgt Ion:266 Resp: 355454

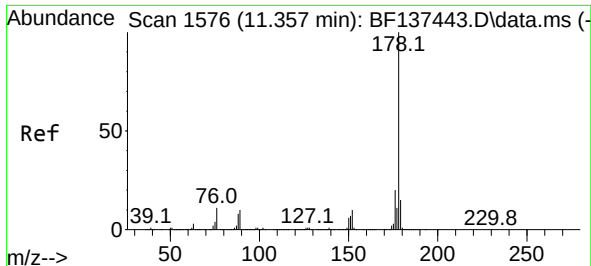
Ion Ratio Lower Upper

266 100

268 62.9 50.2 75.2

264 63.6 50.9 76.3

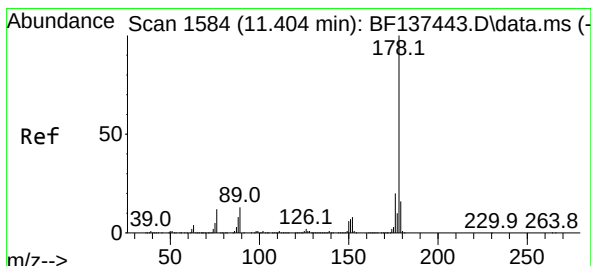
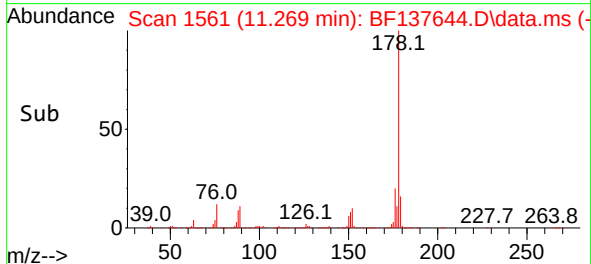
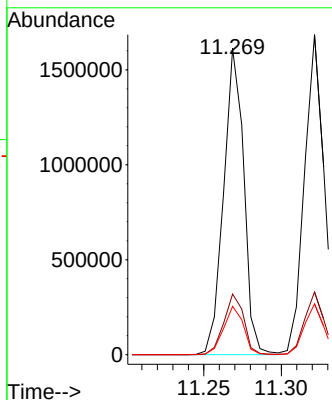
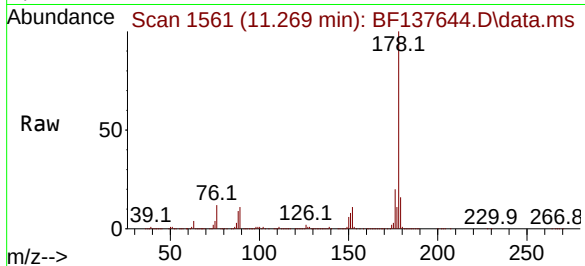




#71
Phenanthrene
Concen: 41.863 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

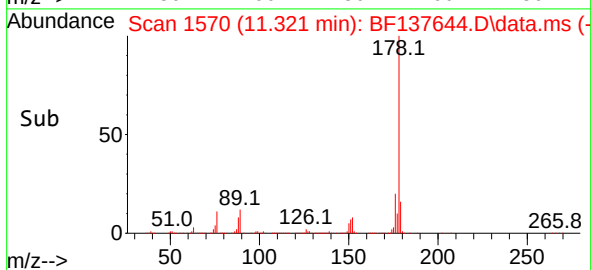
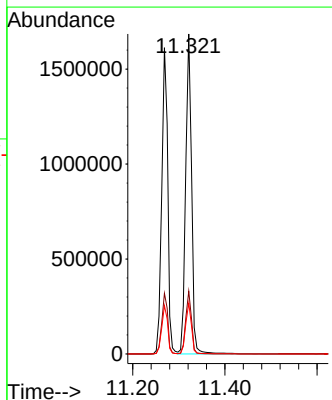
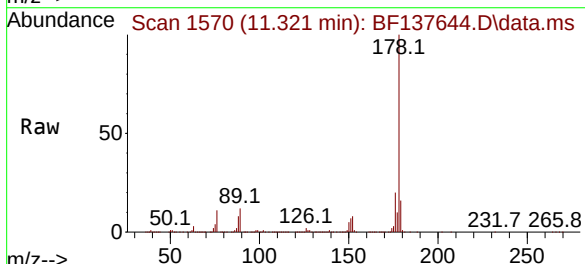
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

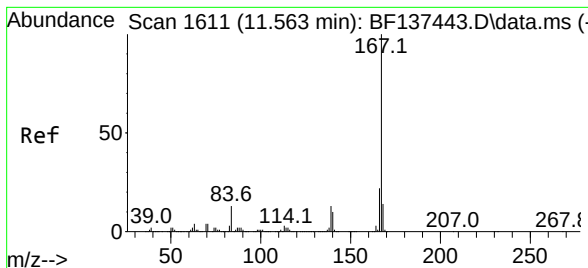
Tgt Ion:178 Resp: 1461673
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.8 12.2 18.2



#72
Anthracene
Concen: 41.932 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:178 Resp: 1503716
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.9 12.7 19.1





#73

Carbazole

Concen: 42.880 ng

RT: 11.480 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

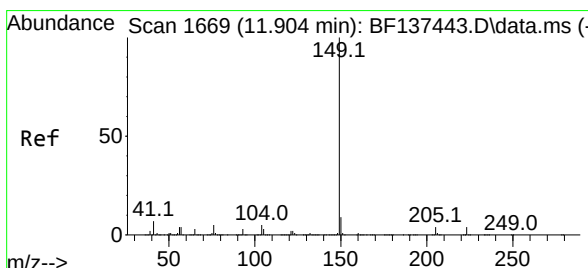
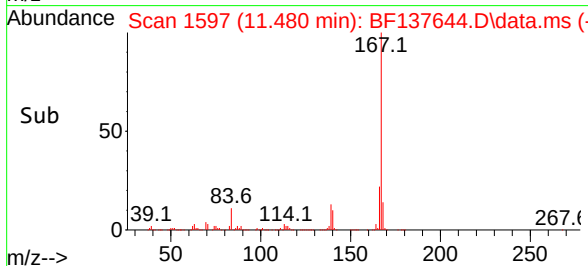
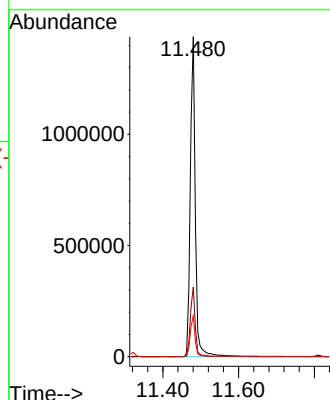
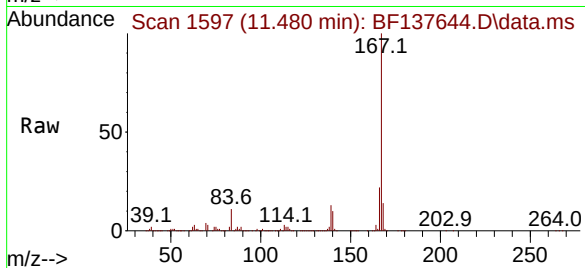
Tgt Ion:167 Resp: 1317147

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 43.751 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

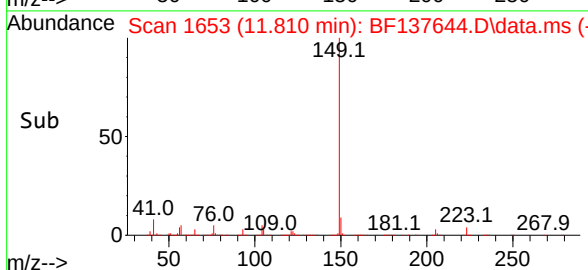
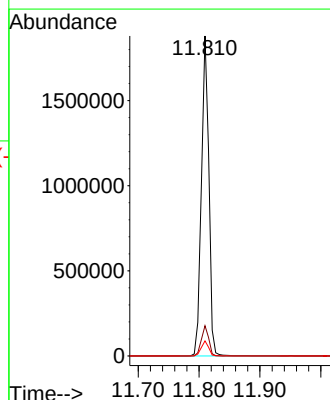
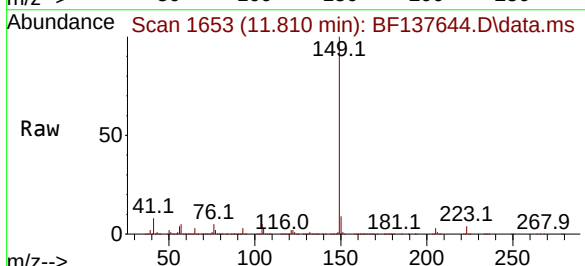
Tgt Ion:149 Resp: 1598953

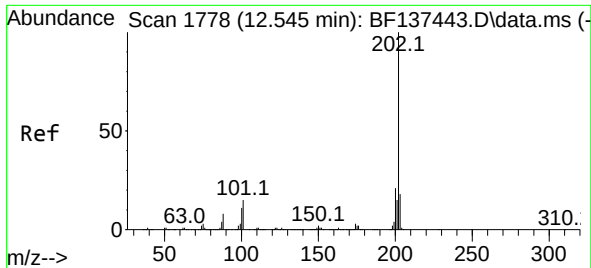
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.7 3.8 5.6

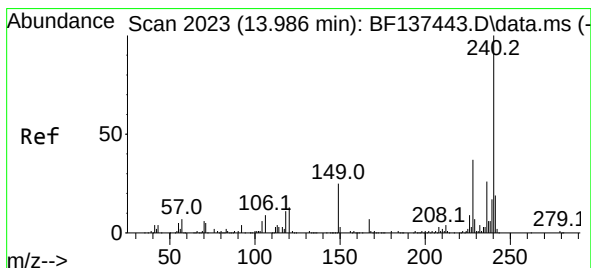
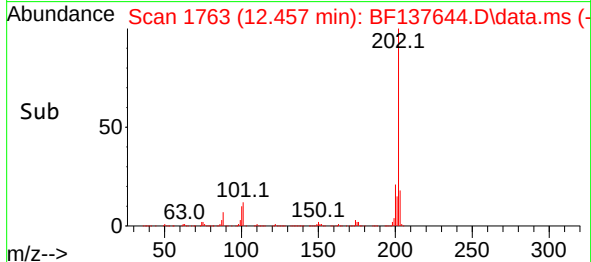
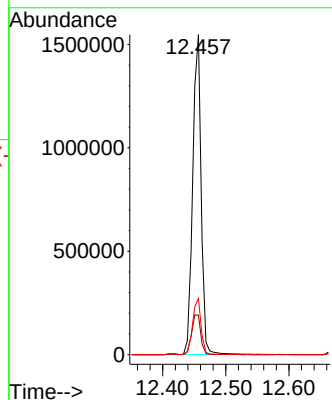
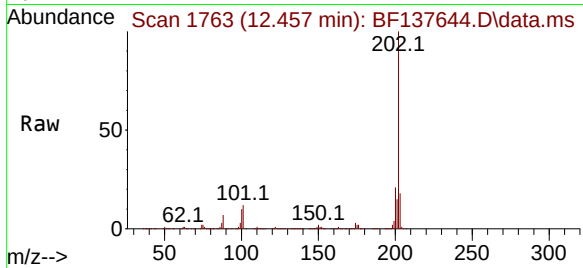




#75
Fluoranthene
Concen: 42.296 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

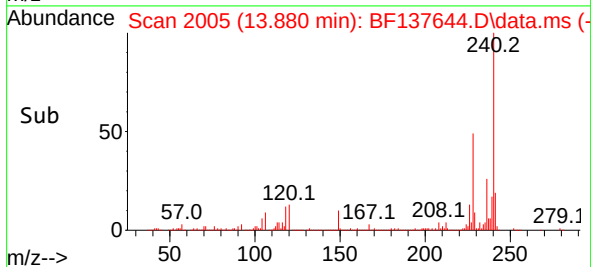
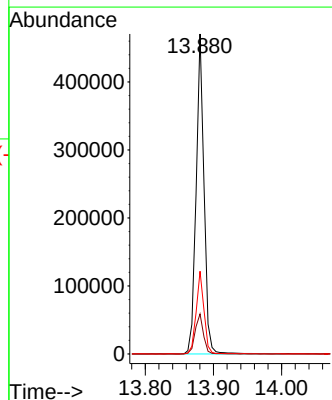
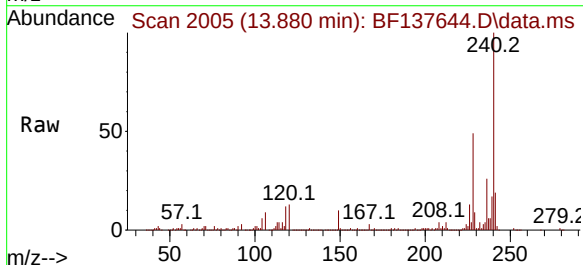
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

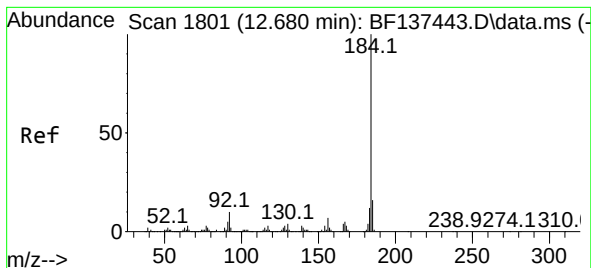
Tgt Ion:202 Resp: 1443551
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.0
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:240 Resp: 378563
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.8 20.9 31.3





#77

Benzidine

Concen: 19.250 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

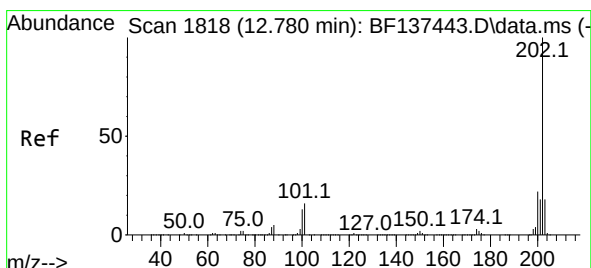
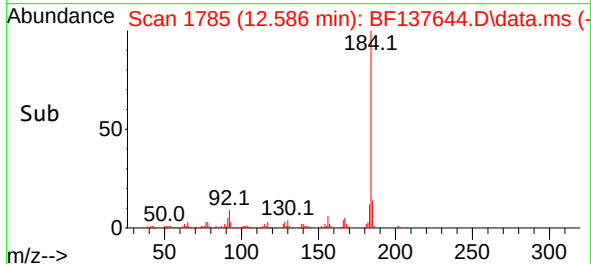
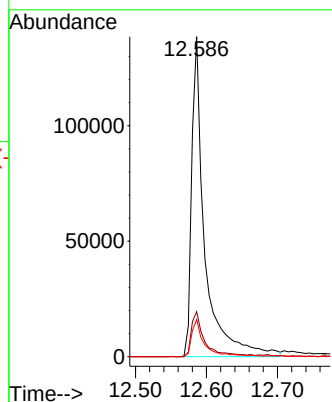
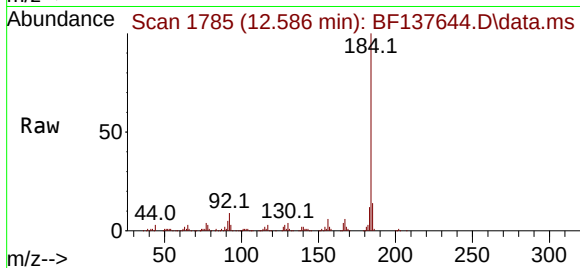
Tgt Ion:184 Resp: 178336

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 39.494 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

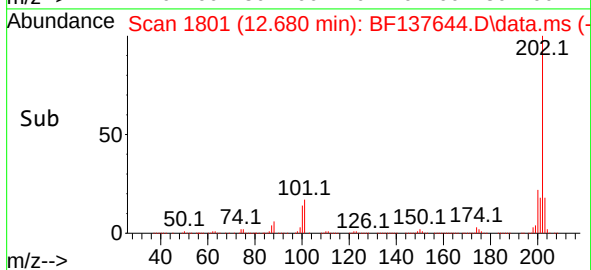
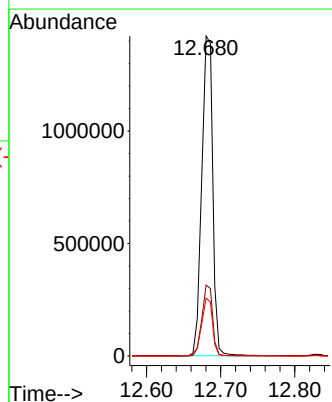
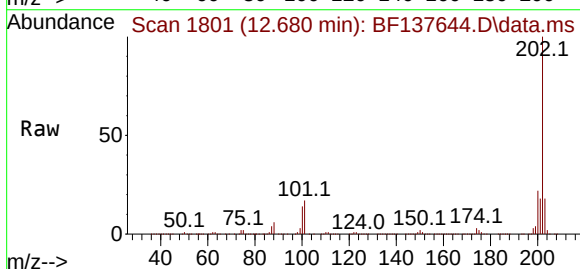
Tgt Ion:202 Resp: 1467033

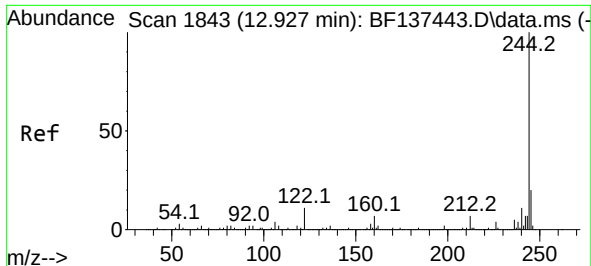
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

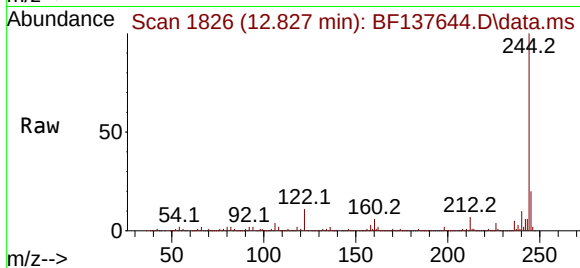
203 18.1 14.1 21.1



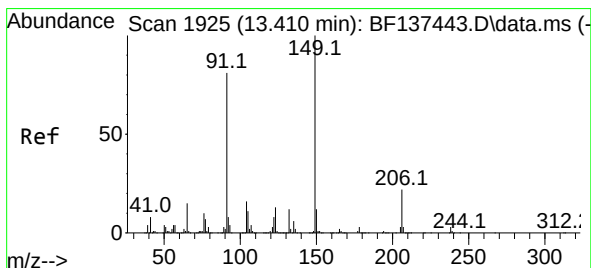
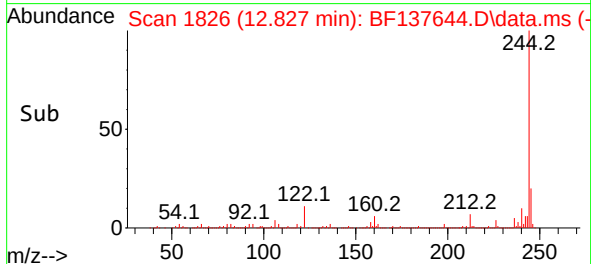
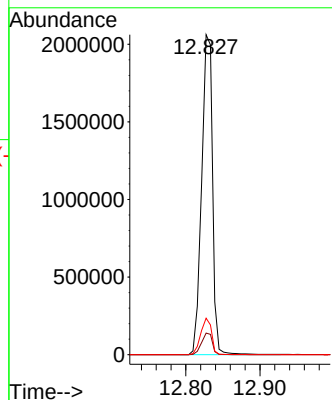


#79
 Terphenyl-d14
 Concen: 76.302 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137644.D
 Acq: 19 Mar 2024 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BSD

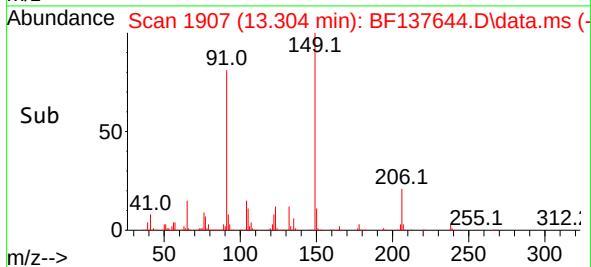
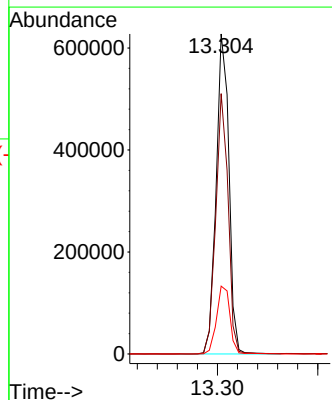
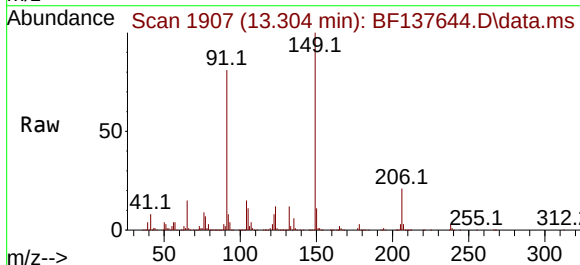


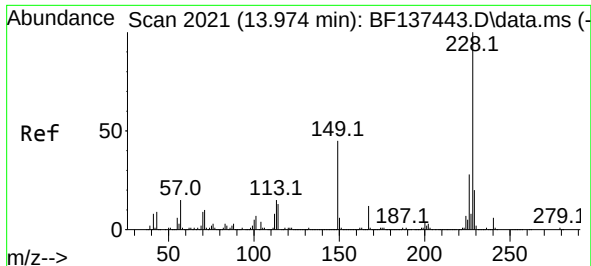
Tgt Ion:244 Resp: 2100579
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.4 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 58.349 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: BF137644.D
 Acq: 19 Mar 2024 13:11

Tgt Ion:149 Resp: 553522
 Ion Ratio Lower Upper
 149 100
 91 81.3 64.7 97.1
 206 21.2 17.5 26.3

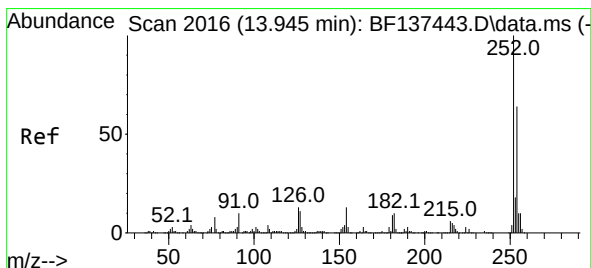
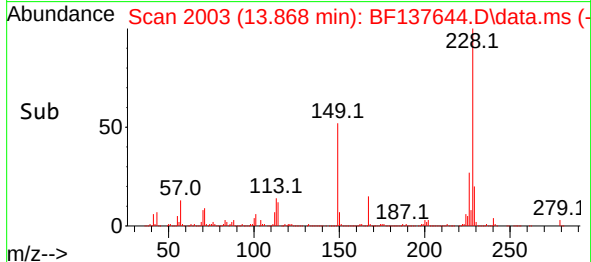
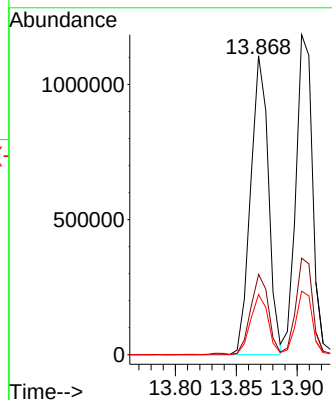
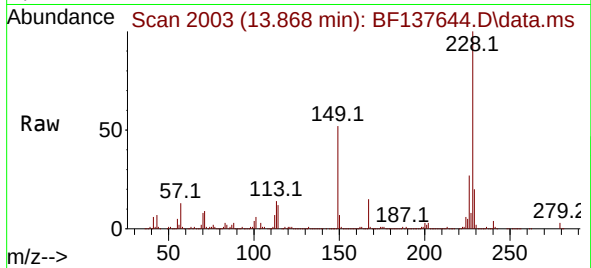




#81
Benzo(a)anthracene
Concen: 42.352 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

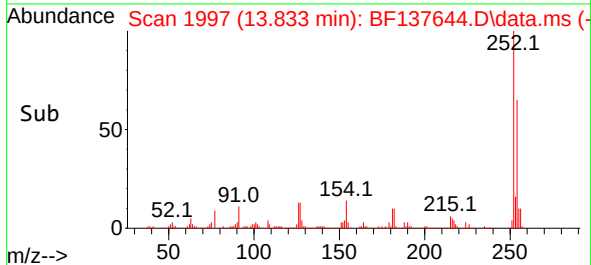
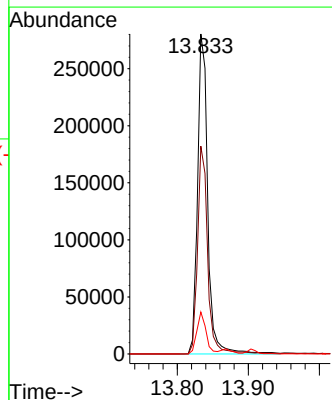
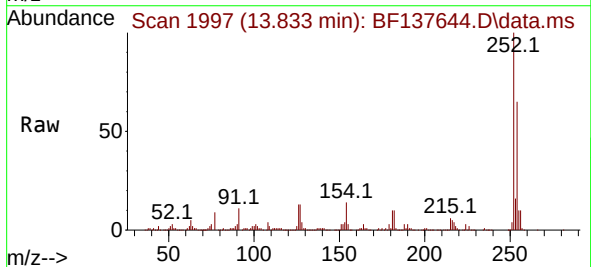
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

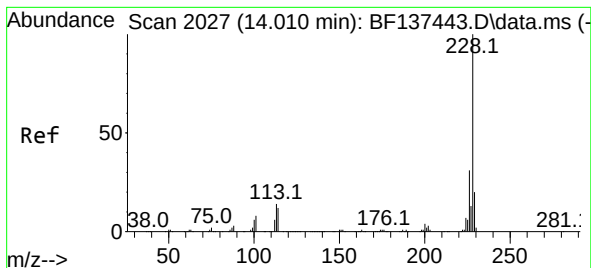
Tgt Ion:228 Resp: 1123741
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 39.700 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:252 Resp: 280511
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 13.1 10.4 15.6





#83

Chrysene

Concen: 42.774 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

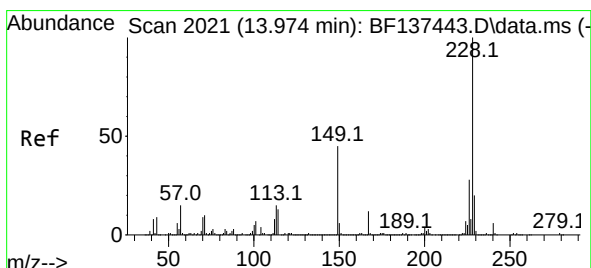
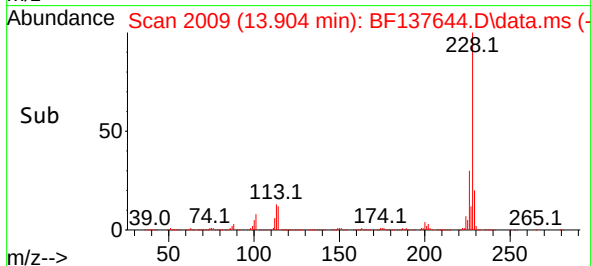
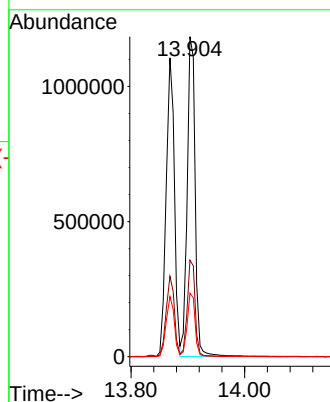
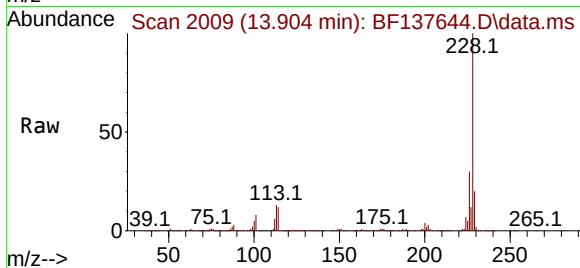
Tgt Ion:228 Resp: 1147067

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.056 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

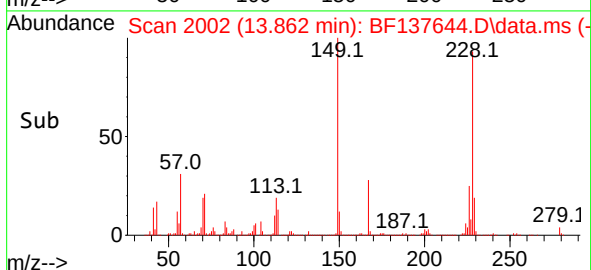
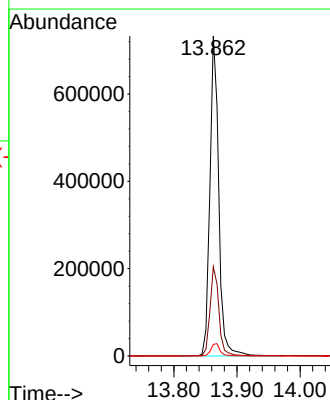
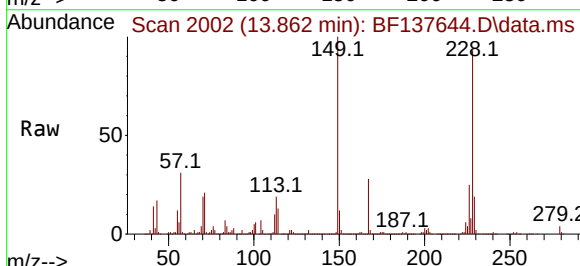
Tgt Ion:149 Resp: 712068

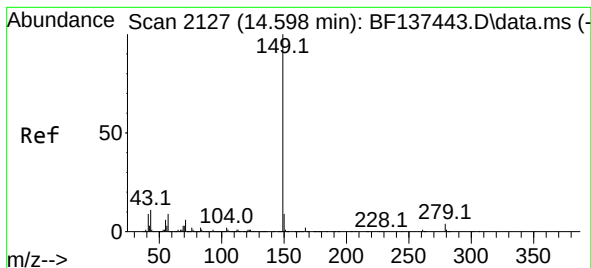
Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 50.643 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

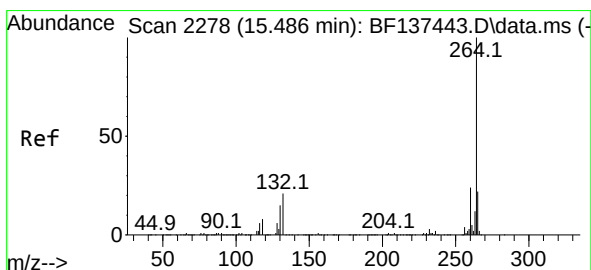
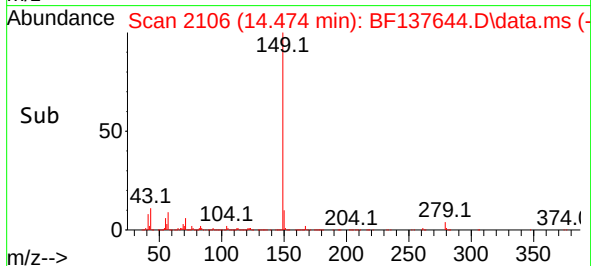
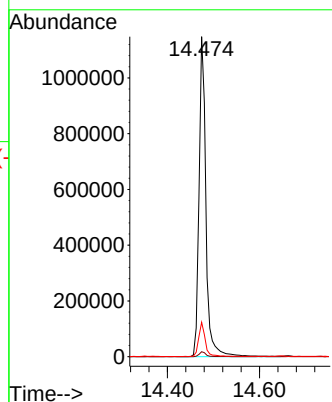
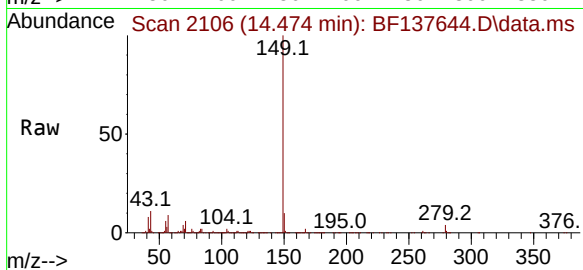
Tgt Ion:149 Resp: 1184987

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

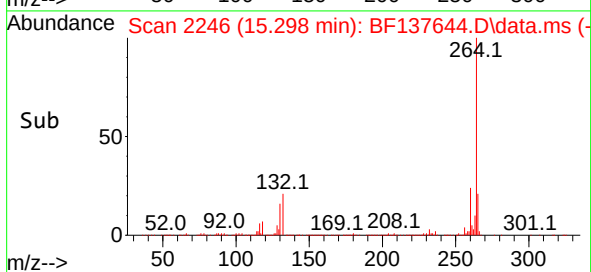
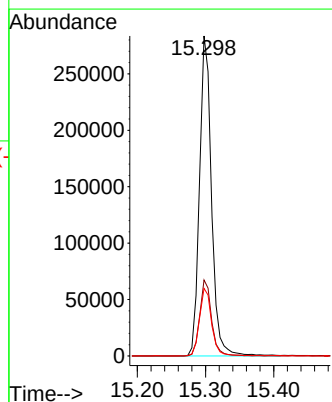
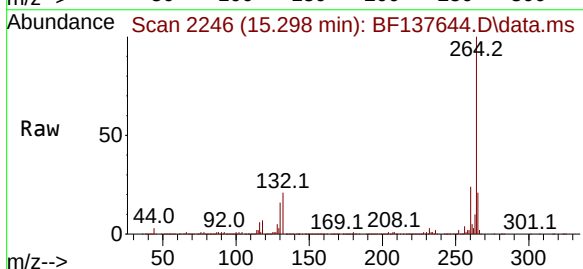
Tgt Ion:264 Resp: 347460

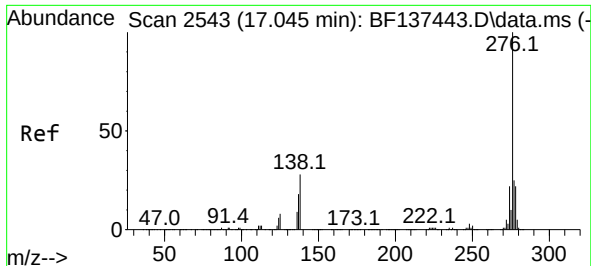
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.1 17.4 26.0

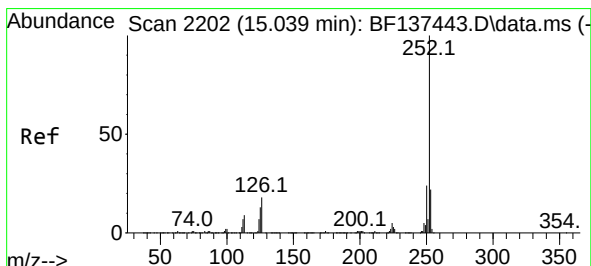
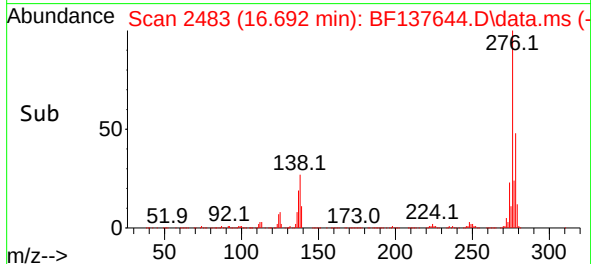
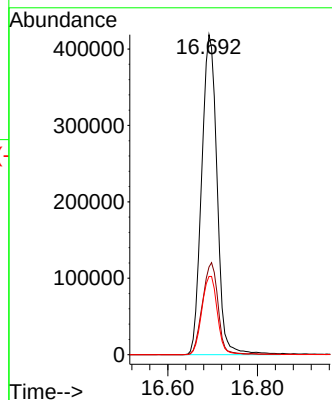
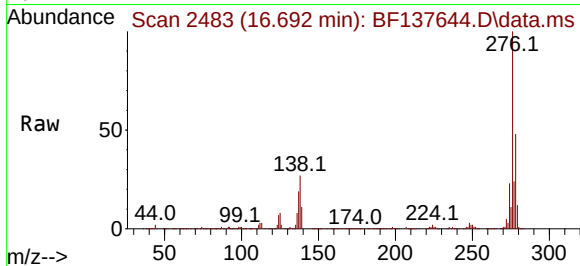




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.615 ng
 RT: 16.692 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BF137644.D
 Acq: 19 Mar 2024 13:11

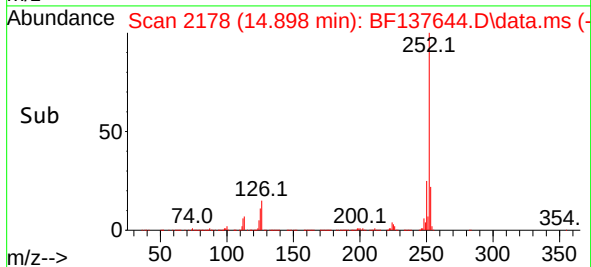
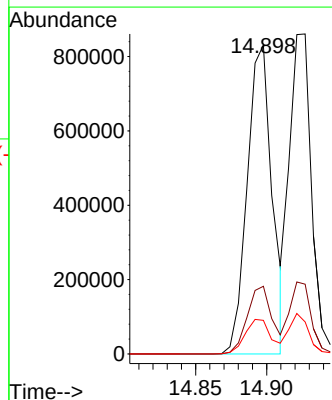
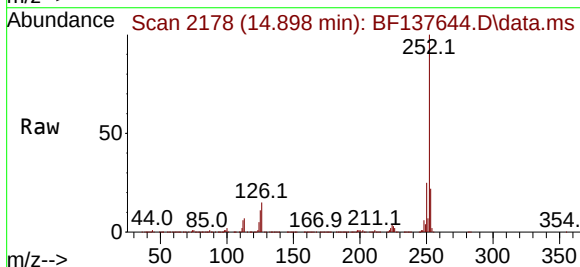
Instrument :
 BNA_F
 ClientSampleId :
 PB159643BSD

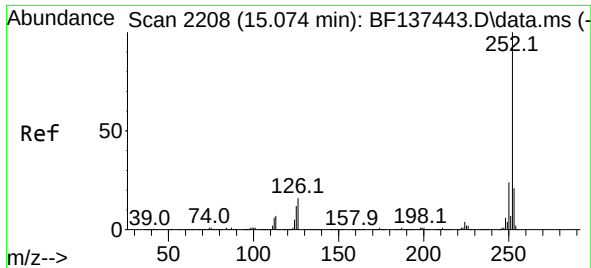
Tgt Ion:276 Resp: 997271
 Ion Ratio Lower Upper
 276 100
 138 29.0 25.8 38.8
 277 24.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.377 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137644.D
 Acq: 19 Mar 2024 13:11

Tgt Ion:252 Resp: 1014878
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.8
 125 10.9 10.1 15.1

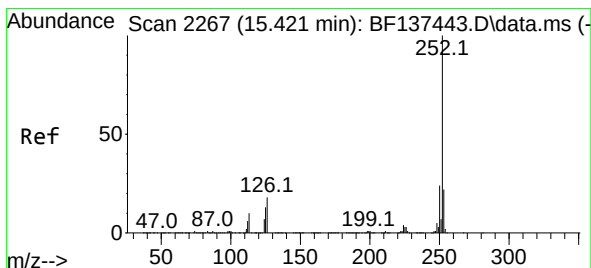
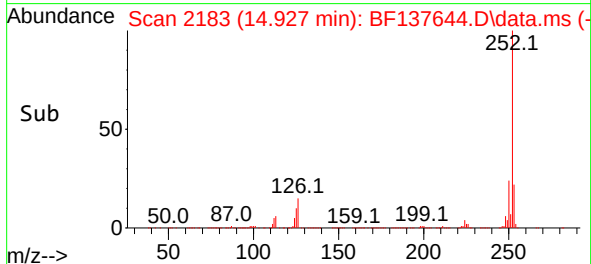
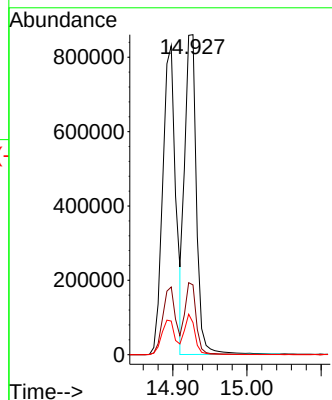
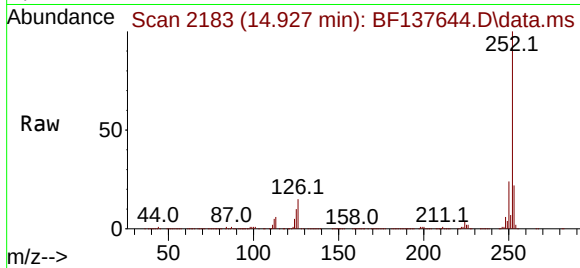




#89
Benzo(k)fluoranthene
Concen: 43.017 ng
RT: 14.927 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

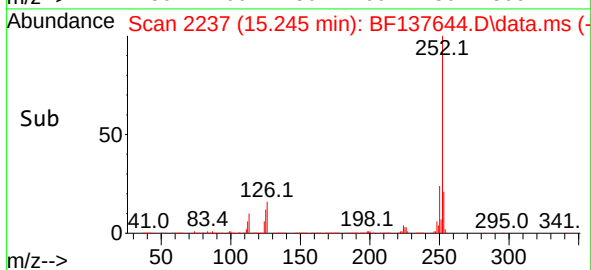
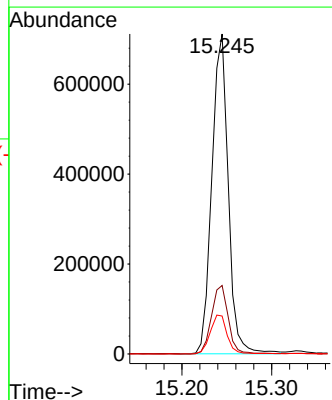
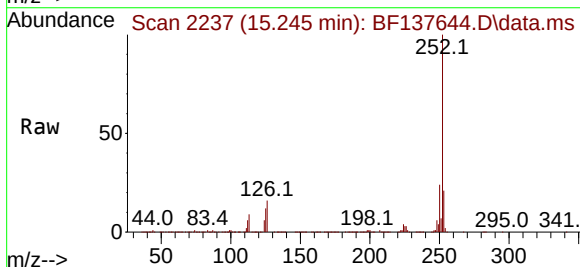
Instrument :
BNA_F
ClientSampleId :
PB159643BSD

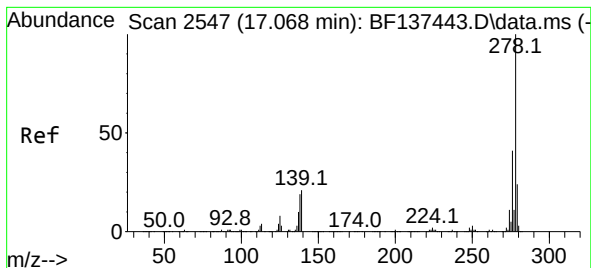
Tgt Ion:252 Resp: 949673
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.0 9.6 14.4



#90
Benzo(a)pyrene
Concen: 44.528 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF137644.D
Acq: 19 Mar 2024 13:11

Tgt Ion:252 Resp: 901899
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 11.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 43.159 ng

RT: 16.709 min Scan# 24

Delta R.T. 0.012 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Instrument :

BNA_F

ClientSampleId :

PB159643BSD

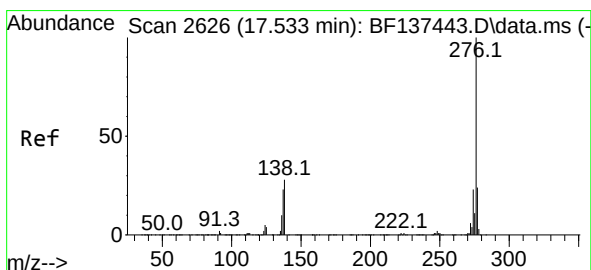
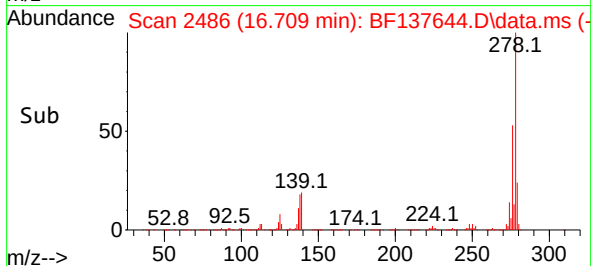
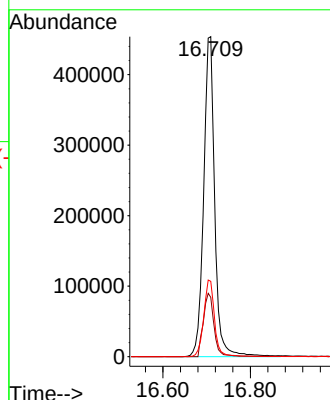
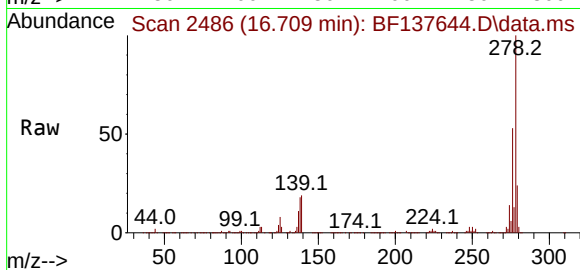
Tgt Ion:278 Resp: 800538

Ion Ratio Lower Upper

278 100

139 18.6 17.0 25.6

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.659 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.006 min

Lab File: BF137644.D

Acq: 19 Mar 2024 13:11

Tgt Ion:276 Resp: 793565

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 25.6 22.2 33.2

